



U.S. Energy Information
Administration

Petroleum Supply Monthly

with data for January 2021

March 2021



This report was prepared by the U.S. Energy Information Administration (EIA), the statistical and analytical agency within the U.S. Department of Energy. By law, EIA's data, analyses, and forecasts are independent of approval by any other officer or employee of the United States Government. The views in this report therefore should not be construed as representing those of the Department of Energy or other Federal agencies.

Preface

The Petroleum Supply Monthly (PSM) is the monthly component of a series of three publications produced by the Office of Petroleum and Biofuels Statistics of the U.S. Energy Information Administration (EIA). The other two components are the Weekly Petroleum Status Report (WPSR) and the Petroleum Supply Annual (PSA). Together these publications present comprehensive petroleum and biofuel supply data on a weekly, monthly and annual basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of crude oil, petroleum products, and biofuels. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

Scope of data

The PSM presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District levels, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources including federal and state agencies.

Sections

- U.S. supply and disposition of crude oil, petroleum products, and biofuels
- Regional supply and disposition of crude oil, petroleum products, and biofuels
- Crude oil supply and disposition and production by state
- Natural Gas Processing
- Refinery Operations
- Imports of residual fuel oil by state of entry
- Imports by PADD
- Imports by country of origin
- Exports
- Net imports
- Stocks
- Movements of crude oil, petroleum products, and biofuels

Contents

Page

Tables

U.S. supply and disposition of crude oil, petroleum products, and biofuels

1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products	6
2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products.....	7
3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products	8
4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products	9

Regional supply and disposition of crude oil petroleum products and biofuels

5. PAD District 1.....	10
6. Year-to-Date PAD District 1.....	11
7. Daily Average PAD District 1	12
8. Year-to-Date Daily Average PAD District 1	13
9. PAD District 2.....	14
10. Year-to-Date PAD District 2.....	15
11. Daily Average PAD District 2	16
12. Year-to-Date Daily Average PAD District 2.....	17
13. PAD District 3.....	18
14. Year-to-Date PAD District 3.....	19
15. Daily Average PAD District 3	20
16. Year-to-Date Daily Average PAD District 3.....	21
17. PAD District 4.....	22
18. Year-to-Date PAD District 4.....	23
19. Daily Average PAD District 4.....	24
20. Year-to-Date Daily Average PAD District 4.....	25
21. PAD District 5.....	26
22. Year-to-Date PAD District 5.....	27
23. Daily Average PAD District 5	28
24. Year-to-Date Daily Average PAD District 5	29

Crude oil supply and disposition and production by state

25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District.....	30
26. Production of Crude Oil by PAD District and State.....	31

Natural Gas Processing

27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts.....	32
--	----

Refinery Operations

28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts.....	33
29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts	35
30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts.....	37
31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts.....	39
32. Blender Net Inputs of Petroleum Products by PAD District.....	41
33. Blender Net Production of Petroleum Products by PAD District	42
34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts.....	43
35. Percent Yield of Petroleum Products by PAD and Refining Districts	45

Imports of residual fuel oil by state of entry

36. Imports of Residual Fuel Oil by Sulfur Content.....	46
---	----

Imports by PAD District

37. Imports of Crude Oil and Petroleum Products	47
38. Year-to-Date Imports of Crude Oil and Petroleum Products.....	48

Imports by country of origin

39. United States.....	49
40. Year-to-Date United States.....	53
41. PAD District 1	57
42. PAD District 2.....	61
43. PAD District 3.....	65
44. PAD Districts 4 and 5.....	69
45. Year-to-Date PAD District 1.....	73
46. Year-to-Date PAD District 2.....	77
47. Year-to-Date PAD District 3.....	81

48. Year-to-Date PAD Districts 4 and 5	85
Exports of Crude Oil and Petroleum Products	
49. Exports of Crude Oil and Petroleum Products by PAD District	89
50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District.....	90
51. Exports of Crude Oil and Petroleum Products by Destination	91
52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination	95
Net Imports	
53. Net Imports of Crude Oil and Petroleum Products into the United States by Country	99
54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country.....	103
Stocks	
55. Stocks of Crude Oil and Petroleum Products by PAD District.....	107
56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State	111
Movements of Crude Oil, Petroleum Products, and Biofuels	
57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail Between PAD Districts	113
58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts	115
59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts.....	117
60. Movements of Crude Oil and Selected Products by Rail Between PAD Districts.....	119
61. Movements of Crude Oil by Pipeline, Tanker, Barge, and Rail between PAD Districts	120
62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail Between PAD Districts	121
Appendices	
A. District Descriptions and Maps	123
B. Explanatory Notes	126
D. Northeast Reserves.....	137
Glossary	
Definitions of Petroleum Products and Other Terms	138

Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	343,483	--	--	179,284	16,223	-9,405	450,278	98,117	0	1,113,938
Hydrocarbon Gas Liquids	160,831	-598	11,385	7,298	--	-37,095	18,218	73,811	123,982	192,062
Natural Gas Liquids	160,831	-598	2,458	6,717	--	-36,609	18,218	73,811	113,988	190,299
Ethane	63,073	--	131	--	--	-5,287	--	10,685	57,806	64,313
Propane	52,922	--	8,033	5,177	--	-16,593	--	45,531	37,194	53,842
Normal Butane	14,534	--	-4,957	1,379	--	-9,030	8,496	11,865	-375	32,613
Isobutane	13,139	--	-749	153	--	-1,310	5,573	54	8,226	11,031
Natural Gasoline	17,163	-598	--	8	--	-4,389	4,149	5,676	11,137	28,500
Refinery Olefins	--	--	8,927	581	--	-486	--	--	9,994	1,763
Ethylene	--	--	24	--	--	0	--	--	24	0
Propylene	--	--	9,179	500	--	-323	--	--	10,002	1,164
Normal Butylene	--	--	-284	81	--	-152	--	--	-51	568
Isobutylene	--	--	8	--	--	-11	--	--	19	31
Other Liquids	--	33,478	--	32,441	11,660	23,398	32,789	21,484	-91	349,412
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	33,478	--	999	6,607	2,621	31,729	4,178	2,556	32,519
Hydrogen	--	--	--	--	6,241	--	6,241	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	33,478	--	999	344	2,615	25,472	4,178	2,556	32,500
Fuel Ethanol ⁵	--	28,847	--	--	344	1,393	23,842	3,956	0	26,080
Renewable Fuels Except Fuel Ethanol	--	4,631	--	999	--	1,222	1,630	222	2,556	6,420
Other Hydrocarbons	--	--	--	--	22	6	16	--	0	19
Unfinished Oils	--	--	--	16,640	--	6,450	-2,570	15,385	-2,625	84,657
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	0	--	14,802	5,053	14,322	3,612	1,921	0	232,200
Reformulated	--	0	--	5,174	6,515	-1,670	13,350	9	0	51,779
Conventional	--	--	--	9,628	-1,462	15,992	-9,738	1,912	0	180,421
Aviation Gasoline Blend. Comp.	--	--	--	--	--	5	18	--	-23	36
Finished Petroleum Products	--	112	517,532	26,346	-5,397	8,845	--	77,180	452,567	312,736
Finished Motor Gasoline	--	107	264,113	1,234	-5,397	-2,371	--	24,771	237,657	22,939
Reformulated	--	--	79,464	--	-6,862	-10	--	--	72,612	38
Conventional	--	107	184,649	1,234	1,464	-2,361	--	24,771	165,045	22,901
Finished Aviation Gasoline	--	--	276	8	--	-72	--	--	356	1,049
Kerosene-Type Jet Fuel	--	9	38,017	3,853	--	3,931	--	2,886	35,062	42,558
Kerosene	--	--	369	--	--	-185	--	282	272	2,475
Distillate Fuel Oil ⁵	--	-4	141,160	11,486	--	2,369	--	28,315	121,958	162,810
15 ppm sulfur and under	--	-4	134,850	11,084	--	1,598	--	23,137	121,195	150,173
Greater than 15 ppm to 500 ppm sulfur	--	0	3,565	1	--	355	--	2,818	393	3,763
Greater than 500 ppm sulfur	--	--	2,745	401	--	416	--	2,360	370	8,874
Residual Fuel Oil	--	--	5,247	6,352	--	1,799	--	2,293	7,507	32,033
Less than 0.31 percent sulfur	--	--	467	599	--	1,197	--	NA	NA	4,283
0.31 to 1.00 percent sulfur	--	--	2,300	1,219	--	1,067	--	NA	NA	7,989
Greater than 1.00 percent sulfur	--	--	2,480	4,534	--	-465	--	NA	NA	19,761
Petrochemical Feedstocks	--	--	8,193	415	--	-49	--	--	8,657	2,839
Naphtha for Petro. Feed. Use	--	--	5,234	341	--	41	--	--	5,534	2,117
Other Oils for Petro. Feed. Use	--	--	2,959	74	--	-90	--	--	3,123	722
Special Naphthas	--	--	1,063	311	--	15	--	--	1,359	1,075
Lubricants	--	--	5,154	1,578	--	398	--	2,916	3,418	10,098
Waxes	--	--	106	152	--	2	--	123	133	557
Petroleum Coke	--	--	22,350	100	--	-516	--	14,995	7,971	7,187
Marketable	--	--	16,657	100	--	-516	--	14,995	2,278	7,187
Catalyst	--	--	5,693	--	--	--	--	--	5,693	--
Asphalt and Road Oil	--	--	10,588	856	--	3,463	--	577	7,404	26,487
Still Gas	--	--	18,373	--	--	--	--	--	18,373	--
Miscellaneous Products	--	--	2,523	1	--	61	--	22	2,441	629
Total	504,314	32,992	528,917	245,369	22,486	-14,257	501,285	270,592	576,457	1,968,148

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	343,483	--	--	179,284	16,223	-9,405	450,278	98,117	0	1,113,938
Hydrocarbon Gas Liquids	160,831	-598	11,385	7,298	--	-37,095	18,218	73,811	123,982	192,062
Natural Gas Liquids	160,831	-598	2,458	6,717	--	-36,609	18,218	73,811	113,988	190,299
Ethane	63,073	--	131	--	--	-5,287	--	10,685	57,806	64,313
Propane	52,922	--	8,033	5,177	--	-16,593	--	45,531	37,194	53,842
Normal Butane	14,534	--	-4,957	1,379	--	-9,030	8,496	11,865	-375	32,613
Isobutane	13,139	--	-749	153	--	-1,310	5,573	54	8,226	11,031
Natural Gasoline	17,163	-598	--	8	--	-4,389	4,149	5,676	11,137	28,500
Refinery Olefins	--	--	8,927	581	--	-486	--	--	9,994	1,763
Ethylene	--	--	24	--	--	0	--	--	24	0
Propylene	--	--	9,179	500	--	-323	--	--	10,002	1,164
Normal Butylene	--	--	-284	81	--	-152	--	--	-51	568
Isobutylene	--	--	8	--	--	-11	--	--	19	31
Other Liquids	--	33,478	--	32,441	11,660	23,398	32,789	21,484	-91	349,412
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	33,478	--	999	6,607	2,621	31,729	4,178	2,556	32,519
Hydrogen	--	--	--	--	6,241	--	6,241	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	33,478	--	999	344	2,615	25,472	4,178	2,556	32,500
Fuel Ethanol ⁵	--	28,847	--	--	344	1,393	23,842	3,956	0	26,080
Renewable Fuels Except Fuel Ethanol	--	4,631	--	999	--	1,222	1,630	222	2,556	6,420
Other Hydrocarbons	--	--	--	--	22	6	16	--	0	19
Unfinished Oils	--	--	--	16,640	--	6,450	-2,570	15,385	-2,625	84,657
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	0	--	14,802	5,053	14,322	3,612	1,921	0	232,200
Reformulated	--	0	--	5,174	6,515	-1,670	13,350	9	0	51,779
Conventional	--	--	--	9,628	-1,462	15,992	-9,738	1,912	0	180,421
Aviation Gasoline Blend. Comp.	--	--	--	--	--	5	18	--	-23	36
Finished Petroleum Products	--	112	517,532	26,346	-5,397	8,845	--	77,180	452,567	312,736
Finished Motor Gasoline	--	107	264,113	1,234	-5,397	-2,371	--	24,771	237,657	22,939
Reformulated	--	--	79,464	--	-6,862	-10	--	--	72,612	38
Conventional	--	107	184,649	1,234	1,464	-2,361	--	24,771	165,045	22,901
Finished Aviation Gasoline	--	--	276	8	--	-72	--	--	356	1,049
Kerosene-Type Jet Fuel	--	9	38,017	3,853	--	3,931	--	2,886	35,062	42,558
Kerosene	--	--	369	--	--	-185	--	282	272	2,475
Distillate Fuel Oil ⁵	--	-4	141,160	11,486	--	2,369	--	28,315	121,958	162,810
15 ppm sulfur and under	--	-4	134,850	11,084	--	1,598	--	23,137	121,195	150,173
Greater than 15 ppm to 500 ppm sulfur	--	0	3,565	1	--	355	--	2,818	393	3,763
Greater than 500 ppm sulfur	--	--	2,745	401	--	416	--	2,360	370	8,874
Residual Fuel Oil	--	--	5,247	6,352	--	1,799	--	2,293	7,507	32,033
Less than 0.31 percent sulfur	--	--	467	599	--	1,197	--	NA	NA	4,283
0.31 to 1.00 percent sulfur	--	--	2,300	1,219	--	1,067	--	NA	NA	7,989
Greater than 1.00 percent sulfur	--	--	2,480	4,534	--	-465	--	NA	NA	19,761
Petrochemical Feedstocks	--	--	8,193	415	--	-49	--	--	8,657	2,839
Naphtha for Petro. Feed. Use	--	--	5,234	341	--	41	--	--	5,534	2,117
Other Oils for Petro. Feed. Use	--	--	2,959	74	--	-90	--	--	3,123	722
Special Naphthas	--	--	1,063	311	--	15	--	--	1,359	1,075
Lubricants	--	--	5,154	1,578	--	398	--	2,916	3,418	10,098
Waxes	--	--	106	152	--	2	--	123	133	557
Petroleum Coke	--	--	22,350	100	--	-516	--	14,995	7,971	7,187
Marketable	--	--	16,657	100	--	-516	--	14,995	2,278	7,187
Catalyst	--	--	5,693	--	--	--	--	--	5,693	--
Asphalt and Road Oil	--	--	10,588	856	--	3,463	--	577	7,404	26,487
Still Gas	--	--	18,373	--	--	--	--	--	18,373	--
Miscellaneous Products	--	--	2,523	1	--	61	--	22	2,441	629
Total	504,314	32,992	528,917	245,369	22,486	-14,257	501,285	270,592	576,457	1,968,148

-- = Not Applicable.

NA = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	11,080	--	--	5,783	523	-303	14,525	3,165	0
Hydrocarbon Gas Liquids	5,188	-19	367	235	--	-1,197	588	2,381	3,999
Natural Gas Liquids	5,188	-19	79	217	--	-1,181	588	2,381	3,677
Ethane	2,035	--	4	--	--	-171	--	345	1,865
Propane	1,707	--	259	167	--	-535	--	1,469	1,200
Normal Butane	469	--	-160	44	--	-291	274	383	-12
Isobutane	424	--	-24	5	--	-42	180	2	265
Natural Gasoline	554	-19	--	0	--	-142	134	183	359
Refinery Olefins	--	--	288	19	--	-16	--	--	322
Ethylene	--	--	1	--	--	0	--	--	1
Propylene	--	--	296	16	--	-10	--	--	323
Normal Butylene	--	--	-9	3	--	-5	--	--	-2
Isobutylene	--	--	0	--	--	0	--	--	1
Other Liquids	--	1,080	--	1,046	376	755	1,058	693	-3
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	1,080	--	32	213	85	1,024	135	82
Hydrogen	--	--	--	--	201	--	201	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	--	1,080	--	32	11	84	822	135	82
Fuel Ethanol ⁵	--	931	--	--	11	45	769	128	0
Renewable Fuels Except Fuel Ethanol	--	149	--	32	--	39	53	7	82
Other Hydrocarbons	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	--	--	537	--	208	-83	496	-85
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	0	--	477	163	462	117	62	0
Reformulated	--	0	--	167	210	-54	431	0	0
Conventional	--	--	--	311	-47	516	-314	62	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	4	16,695	850	-174	285	--	2,490	14,599
Finished Motor Gasoline	--	3	8,520	40	-174	-76	--	799	7,666
Reformulated	--	--	2,563	--	-221	0	--	--	2,342
Conventional	--	3	5,956	40	47	-76	--	799	5,324
Finished Aviation Gasoline	--	--	9	0	--	-2	--	--	11
Kerosene-Type Jet Fuel	--	0	1,226	124	--	127	--	93	1,131
Kerosene	--	--	12	--	--	-6	--	9	9
Distillate Fuel Oil ⁵	--	0	4,554	371	--	76	--	913	3,934
15 ppm sulfur and under	--	0	4,350	358	--	52	--	746	3,910
Greater than 15 ppm to 500 ppm sulfur	--	0	115	0	--	11	--	91	13
Greater than 500 ppm sulfur	--	--	89	13	--	13	--	76	12
Residual Fuel Oil	--	--	169	205	--	58	--	74	242
Less than 0.31 percent sulfur	--	--	15	19	--	39	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	74	39	--	34	--	NA	NA
Greater than 1.00 percent sulfur	--	--	80	146	--	-15	--	NA	NA
Petrochemical Feedstocks	--	--	264	13	--	-2	--	--	279
Naphtha for Petro. Feed. Use	--	--	169	11	--	1	--	--	179
Other Oils for Petro. Feed. Use	--	--	95	2	--	-3	--	--	101
Special Naphthas	--	--	34	10	--	0	--	--	44
Lubricants	--	--	166	51	--	13	--	94	110
Waxes	--	--	3	5	--	0	--	4	4
Petroleum Coke	--	--	721	3	--	-17	--	484	257
Marketable	--	--	537	3	--	-17	--	484	73
Catalyst	--	--	184	--	--	--	--	--	184
Asphalt and Road Oil	--	--	342	28	--	112	--	19	239
Still Gas	--	--	593	--	--	--	--	--	593
Miscellaneous Products	--	--	81	0	--	2	--	1	79
Total	16,268	1,064	17,062	7,915	725	-460	16,170	8,729	18,595

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	11,080	--	--	5,783	523	-303	14,525	3,165	0
Hydrocarbon Gas Liquids	5,188	-19	367	235	--	-1,197	588	2,381	3,999
Natural Gas Liquids	5,188	-19	79	217	--	-1,181	588	2,381	3,677
Ethane	2,035	--	4	--	--	-171	--	345	1,865
Propane	1,707	--	259	167	--	-535	--	1,469	1,200
Normal Butane	469	--	-160	44	--	-291	274	383	-12
Isobutane	424	--	-24	5	--	-42	180	2	265
Natural Gasoline	554	-19	--	0	--	-142	134	183	359
Refinery Olefins	--	--	288	19	--	-16	--	--	322
Ethylene	--	--	1	--	--	0	--	--	1
Propylene	--	--	296	16	--	-10	--	--	323
Normal Butylene	--	--	-9	3	--	-5	--	--	-2
Isobutylene	--	--	0	--	--	0	--	--	1
Other Liquids	--	1,080	--	1,046	376	755	1,058	693	-3
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	1,080	--	32	213	85	1,024	135	82
Hydrogen	--	--	--	--	201	--	201	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,080	--	32	11	84	822	135	82
Fuel Ethanol ⁵	--	931	--	--	11	45	769	128	0
Renewable Fuels Except Fuel Ethanol	--	149	--	32	--	39	53	7	82
Other Hydrocarbons	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	--	--	537	--	208	-83	496	-85
Motor Gasoline Blend.Comp. (MGBC) ⁵	--	0	--	477	163	462	117	62	0
Reformulated	--	0	--	167	210	-54	431	0	0
Conventional	--	--	--	311	-47	516	-314	62	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	4	16,695	850	-174	285	--	2,490	14,599
Finished Motor Gasoline	--	3	8,520	40	-174	-76	--	799	7,666
Reformulated	--	--	2,563	--	-221	0	--	--	2,342
Conventional	--	3	5,956	40	47	-76	--	799	5,324
Finished Aviation Gasoline	--	--	9	0	--	-2	--	--	11
Kerosene-Type Jet Fuel	--	0	1,226	124	--	127	--	93	1,131
Kerosene	--	--	12	--	--	-6	--	9	9
Distillate Fuel Oil ⁵	--	0	4,554	371	--	76	--	913	3,934
15 ppm sulfur and under	--	0	4,350	358	--	52	--	746	3,910
Greater than 15 ppm to 500 ppm sulfur	--	0	115	0	--	11	--	91	13
Greater than 500 ppm sulfur	--	--	89	13	--	13	--	76	12
Residual Fuel Oil	--	--	169	205	--	58	--	74	242
Less than 0.31 percent sulfur	--	--	15	19	--	39	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	74	39	--	34	--	NA	NA
Greater than 1.00 percent sulfur	--	--	80	146	--	-15	--	NA	NA
Petrochemical Feedstocks	--	--	264	13	--	-2	--	--	279
Naphtha for Petro. Feed. Use	--	--	169	11	--	1	--	--	179
Other Oils for Petro. Feed. Use	--	--	95	2	--	-3	--	--	101
Special Naphthas	--	--	34	10	--	0	--	--	44
Lubricants	--	--	166	51	--	13	--	94	110
Waxes	--	--	3	5	--	0	--	4	4
Petroleum Coke	--	--	721	3	--	-17	--	484	257
Marketable	--	--	537	3	--	-17	--	484	73
Catalyst	--	--	184	--	--	--	--	--	184
Asphalt and Road Oil	--	--	342	28	--	112	--	19	239
Still Gas	--	--	593	--	--	--	--	--	593
Miscellaneous Products	--	--	81	0	--	2	--	1	79
Total	16,268	1,064	17,062	7,915	725	-460	16,170	8,729	18,595

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, the U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates.

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,408	--	--	14,179	2,986	-2	312	18,510	749	0	10,178
Hydrocarbon Gas Liquids	19,686	-9	200	1,615	4,381	--	-1,766	1,400	8,312	17,927	10,558
Natural Gas Liquids	19,686	-9	-293	1,309	4,082	--	-1,674	1,400	8,312	16,737	10,327
Ethane	7,389	--	--	--	-5,017	--	67	--	1,802	503	1,205
Propane	7,146	--	390	1,198	7,577	--	-1,515	--	4,233	13,593	6,646
Normal Butane	2,269	--	-535	100	2,202	--	-426	897	2,182	1,383	1,578
Isobutane	902	--	-148	11	-331	--	-12	153	1	292	207
Natural Gasoline	1,980	-9	--	--	-349	--	212	350	95	965	691
Refinery Olefins	--	--	493	306	299	--	-92	--	--	1,190	231
Ethylene	--	--	22	--	--	--	--	--	--	22	--
Propylene	--	--	438	306	299	--	-32	--	--	1,075	113
Normal Butylene	--	--	-4	--	--	--	-43	--	--	39	93
Isobutylene	--	--	37	--	--	--	-17	--	--	54	25
Other Liquids	--	523	--	16,204	57,439	2,301	426	75,383	148	511	76,324
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	523	--	97	8,706	1,136	891	9,162	118	291	9,483
Hydrogen	--	--	--	--	--	103	--	103	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	523	--	97	8,706	1,033	891	9,059	118	291	9,483
Fuel Ethanol	--	364	--	--	8,298	1,033	934	8,693	68	0	8,165
Renewable Fuels Except Fuel Ethanol	--	159	--	97	408	--	-43	366	50	291	1,318
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,318	-43	--	563	1,466	26	220	3,891
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	13,789	48,776	1,165	-1,028	64,755	3	0	62,950
Reformulated	--	--	--	5,174	7,674	1,566	-2,311	16,725	0	0	19,653
Conventional	--	--	--	8,615	41,102	-401	1,283	48,030	3	0	43,297
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	96,200	13,725	35,758	-2,198	-4,209	--	1,550	146,144	88,538
Finished Motor Gasoline	--	--	84,799	558	3,208	-2,198	-433	--	27	86,773	4,129
Reformulated	--	--	31,874	--	--	-1,235	-7	--	--	30,646	23
Conventional	--	--	52,925	558	3,208	-963	-426	--	27	56,127	4,106
Finished Aviation Gasoline	--	--	--	1	46	--	-2	--	--	49	208
Kerosene-Type Jet Fuel	--	--	1,310	1,117	9,375	--	688	--	5	11,109	10,838
Kerosene	--	--	53	--	288	--	-366	--	1	706	1,838
Distillate Fuel Oil ⁶	--	0	6,322	10,480	20,850	--	-4,644	--	15	42,281	55,976
15 ppm sulfur and under	--	0	6,203	10,480	20,328	--	-4,353	--	14	41,350	51,860
Greater than 15 ppm to 500 ppm sulfur	--	--	27	--	--	--	-352	--	0	379	1,055
Greater than 500 ppm sulfur	--	--	92	--	522	--	61	--	1	552	3,061
Residual Fuel Oil	--	--	986	1,047	--	--	-267	--	45	2,255	7,747
Less than 0.31 percent sulfur	--	--	-38	--	--	--	67	--	NA	NA	994
0.31 to 1.00 percent sulfur	--	--	806	277	--	--	444	--	NA	NA	2,794
Greater than 1.00 percent sulfur	--	--	218	770	--	--	-778	--	NA	NA	3,959
Petrochemical Feedstocks	--	--	--	6	--	--	--	--	--	6	--
Naphtha for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	3	--
Other Oils for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	3	--
Special Naphthas	--	--	7	3	--	--	2	--	--	8	44
Lubricants	--	--	346	153	492	--	55	--	166	770	1,198
Waxes	--	--	-20	70	--	--	19	--	62	-31	280
Petroleum Coke	--	--	614	6	500	--	--	--	1,164	-44	--
Marketable	--	--	228	6	500	--	--	--	1,164	-430	--
Catalyst	--	--	386	--	--	--	--	--	--	386	--
Asphalt and Road Oil	--	--	930	284	999	--	749	--	50	1,414	6,233
Still Gas	--	--	780	--	--	--	--	--	--	780	--
Miscellaneous Products	--	--	73	--	--	--	-10	--	15	68	47
Total	22,094	514	96,400	45,723	100,565	101	-5,237	95,293	10,758	164,582	185,598

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.
Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	2,408	--	--	14,179	2,986	-2	312	18,510	749	0	10,178
Hydrocarbon Gas Liquids	19,686	-9	200	1,615	4,381	--	-1,766	1,400	8,312	17,927	10,558
Natural Gas Liquids	19,686	-9	-293	1,309	4,082	--	-1,674	1,400	8,312	16,737	10,327
Ethane	7,389	--	--	--	-5,017	--	67	--	1,802	503	1,205
Propane	7,146	--	390	1,198	7,577	--	-1,515	--	4,233	13,593	6,646
Normal Butane	2,269	--	-535	100	2,202	--	-426	897	2,182	1,383	1,578
Isobutane	902	--	-148	11	-331	--	-12	153	1	292	207
Natural Gasoline	1,980	-9	--	--	-349	--	212	350	95	965	691
Refinery Olefins	--	--	493	306	299	--	-92	--	--	1,190	231
Ethylene	--	--	22	--	--	--	--	--	--	22	--
Propylene	--	--	438	306	299	--	-32	--	--	1,075	113
Normal Butylene	--	--	-4	--	--	--	-43	--	--	39	93
Isobutylene	--	--	37	--	--	--	-17	--	--	54	25
Other Liquids	--	523	--	16,204	57,439	2,301	426	75,383	148	511	76,324
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	523	--	97	8,706	1,136	891	9,162	118	291	9,483
Hydrogen	--	--	--	--	--	103	--	103	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	523	--	97	8,706	1,033	891	9,059	118	291	9,483
Fuel Ethanol	--	364	--	--	8,298	1,033	934	8,693	68	0	8,165
Renewable Fuels Except Fuel Ethanol	--	159	--	97	408	--	-43	366	50	291	1,318
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	2,318	-43	--	563	1,466	26	220	3,891
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	13,789	48,776	1,165	-1,028	64,755	3	0	62,950
Reformulated	--	--	--	5,174	7,674	1,566	-2,311	16,725	0	0	19,653
Conventional	--	--	--	8,615	41,102	-401	1,283	48,030	3	0	43,297
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	96,200	13,725	35,758	-2,198	-4,209	--	1,550	146,144	88,538
Finished Motor Gasoline	--	--	84,799	558	3,208	-2,198	-433	--	27	86,773	4,129
Reformulated	--	--	31,874	--	--	-1,235	-7	--	--	30,646	23
Conventional	--	--	52,925	558	3,208	-963	-426	--	27	56,127	4,106
Finished Aviation Gasoline	--	--	--	1	46	--	-2	--	--	49	208
Kerosene-Type Jet Fuel	--	--	1,310	1,117	9,375	--	688	--	5	11,109	10,838
Kerosene	--	--	53	--	288	--	-366	--	1	706	1,838
Distillate Fuel Oil ⁶	--	0	6,322	10,480	20,850	--	-4,644	--	15	42,281	55,976
15 ppm sulfur and under	--	0	6,203	10,480	20,328	--	-4,353	--	14	41,350	51,860
Greater than 15 ppm to 500 ppm sulfur	--	--	27	--	--	--	-352	--	0	379	1,055
Greater than 500 ppm sulfur	--	--	92	--	522	--	61	--	1	552	3,061
Residual Fuel Oil	--	--	986	1,047	--	--	-267	--	45	2,255	7,747
Less than 0.31 percent sulfur	--	--	-38	--	--	--	67	--	NA	NA	994
0.31 to 1.00 percent sulfur	--	--	806	277	--	--	444	--	NA	NA	2,794
Greater than 1.00 percent sulfur	--	--	218	770	--	--	-778	--	NA	NA	3,959
Petrochemical Feedstocks	--	--	--	6	--	--	--	--	--	6	--
Naphtha for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	3	--
Other Oils for Petro. Feed. Use	--	--	--	3	--	--	--	--	--	3	--
Special Naphthas	--	--	7	3	--	--	2	--	--	8	44
Lubricants	--	--	346	153	492	--	55	--	166	770	1,198
Waxes	--	--	-20	70	--	--	19	--	62	-31	280
Petroleum Coke	--	--	614	6	500	--	--	--	1,164	-44	--
Marketable	--	--	228	6	500	--	--	--	1,164	-430	--
Catalyst	--	--	386	--	--	--	--	--	--	386	--
Asphalt and Road Oil	--	--	930	284	999	--	749	--	50	1,414	6,233
Still Gas	--	--	780	--	--	--	--	--	--	780	--
Miscellaneous Products	--	--	73	--	--	--	-10	--	15	68	47
Total	22,094	514	96,400	45,723	100,565	101	-5,237	95,293	10,758	164,582	185,598

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	78	--	--	457	96	0	10	597	24	0
Hydrocarbon Gas Liquids	635	0	6	52	141	--	-57	45	268	578
Natural Gas Liquids	635	0	-9	42	132	--	-54	45	268	540
Ethane	238	--	--	--	-162	--	2	--	58	16
Propane	231	--	13	39	244	--	-49	--	137	438
Normal Butane	73	--	-17	3	71	--	-14	29	70	45
Isobutane	29	--	-5	0	-11	--	0	5	0	9
Natural Gasoline	64	0	--	--	-11	--	7	11	3	31
Refinery Olefins	--	--	16	10	10	--	-3	--	--	38
Ethylene	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	14	10	10	--	-1	--	--	35
Normal Butylene	--	--	0	--	--	--	-1	--	--	1
Isobutylene	--	--	1	--	--	--	-1	--	--	2
Other Liquids	--	17	--	523	1,853	74	14	2,432	5	16
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	3	281	37	29	296	4	9
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	3	281	33	29	292	4	9
Fuel Ethanol ⁶	--	12	--	--	268	33	30	280	2	0
Renewable Fuels Except Fuel Ethanol	--	5	--	3	13	--	-1	12	2	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	75	-1	--	18	47	1	7
Motor Gasoline Blend Comp. (MGBC) ⁶	--	--	--	445	1,573	38	-33	2,089	0	0
Reformulated	--	--	--	167	248	51	-75	540	0	0
Conventional	--	--	--	278	1,326	-13	41	1,549	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	3,103	443	1,153	-71	-136	--	50	4,714
Finished Motor Gasoline	--	--	2,735	18	103	-71	-14	--	1	2,799
Reformulated	--	--	1,028	--	--	-40	0	--	--	989
Conventional	--	--	1,707	18	103	-31	-14	--	1	1,811
Finished Aviation Gasoline	--	--	--	0	1	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	42	36	302	--	22	--	0	358
Kerosene	--	--	2	--	9	--	-12	--	0	23
Distillate Fuel Oil ⁶	--	0	204	338	673	--	-150	--	0	1,364
15 ppm sulfur and under	--	0	200	338	656	--	-140	--	0	1,334
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	--	--	-11	--	0	12
Greater than 500 ppm sulfur	--	--	3	--	17	--	2	--	0	18
Residual Fuel Oil	--	--	32	34	--	--	-9	--	1	73
Less than 0.31 percent sulfur	--	--	-1	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	26	9	--	--	14	--	NA	NA
Greater than 1.00 percent sulfur	--	--	7	25	--	--	-25	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	--	--	--	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	11	5	16	--	2	--	5	25
Waxes	--	--	-1	2	--	--	1	--	2	-1
Petroleum Coke	--	--	20	0	16	--	--	--	38	-1
Marketable	--	--	7	0	16	--	--	--	38	-14
Catalyst	--	--	12	--	--	--	--	--	--	12
Asphalt and Road Oil	--	--	30	9	32	--	24	--	2	46
Still Gas	--	--	25	--	--	--	--	--	--	25
Miscellaneous Products	--	--	2	--	--	--	0	--	0	2
Total	713	17	3,110	1,475	3,244	3	-169	3,074	347	5,309

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	78	--	--	457	96	0	10	597	24	0
Hydrocarbon Gas Liquids	635	0	6	52	141	--	-57	45	268	578
Natural Gas Liquids	635	0	-9	42	132	--	-54	45	268	540
Ethane	238	--	--	--	-162	--	2	--	58	16
Propane	231	--	13	39	244	--	-49	--	137	438
Normal Butane	73	--	-17	3	71	--	-14	29	70	45
Isobutane	29	--	-5	0	-11	--	0	5	0	9
Natural Gasoline	64	0	--	--	-11	--	7	11	3	31
Refinery Olefins	--	--	16	10	10	--	-3	--	--	38
Ethylene	--	--	1	--	--	--	--	--	--	1
Propylene	--	--	14	10	10	--	-1	--	--	35
Normal Butylene	--	--	0	--	--	--	-1	--	--	1
Isobutylene	--	--	1	--	--	--	-1	--	--	2
Other Liquids	--	17	--	523	1,853	74	14	2,432	5	16
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	3	281	37	29	296	4	9
Hydrogen	--	--	--	--	--	3	--	3	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	3	281	33	29	292	4	9
Fuel Ethanol ⁶	--	12	--	--	268	33	30	280	2	0
Renewable Fuels Except Fuel Ethanol	--	5	--	3	13	--	-1	12	2	9
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	75	-1	--	18	47	1	7
Motor Gasoline Blend Comp. (MGBC) ⁶	--	--	--	445	1,573	38	-33	2,089	0	0
Reformulated	--	--	--	167	248	51	-75	540	0	0
Conventional	--	--	--	278	1,326	-13	41	1,549	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	3,103	443	1,153	-71	-136	--	50	4,714
Finished Motor Gasoline	--	--	2,735	18	103	-71	-14	--	1	2,799
Reformulated	--	--	1,028	--	--	-40	0	--	--	989
Conventional	--	--	1,707	18	103	-31	-14	--	1	1,811
Finished Aviation Gasoline	--	--	--	0	1	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	42	36	302	--	22	--	0	358
Kerosene	--	--	2	--	9	--	-12	--	0	23
Distillate Fuel Oil ⁶	--	0	204	338	673	--	-150	--	0	1,364
15 ppm sulfur and under	--	0	200	338	656	--	-140	--	0	1,334
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	--	--	-11	--	0	12
Greater than 500 ppm sulfur	--	--	3	--	17	--	2	--	0	18
Residual Fuel Oil	--	--	32	34	--	--	-9	--	1	73
Less than 0.31 percent sulfur	--	--	-1	--	--	--	2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	26	9	--	--	14	--	NA	NA
Greater than 1.00 percent sulfur	--	--	7	25	--	--	-25	--	NA	NA
Petrochemical Feedstocks	--	--	--	0	--	--	--	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	0	--	--	--	--	--	0
Special Naphthas	--	--	0	0	--	--	0	--	--	0
Lubricants	--	--	11	5	16	--	2	--	5	25
Waxes	--	--	-1	2	--	--	1	--	2	-1
Petroleum Coke	--	--	20	0	16	--	--	--	38	-1
Marketable	--	--	7	0	16	--	--	--	38	-14
Catalyst	--	--	12	--	--	--	--	--	--	12
Asphalt and Road Oil	--	--	30	9	32	--	24	--	2	46
Still Gas	--	--	25	--	--	--	--	--	--	25
Miscellaneous Products	--	--	2	--	--	--	0	--	0	2
Total	713	17	3,110	1,475	3,244	3	-169	3,074	347	5,309

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	53,097	--	--	86,937	-37,130	1,529	-10,781	112,467	2,747	0	136,378
Hydrocarbon Gas Liquids	32,505	-567	1,009	3,066	-18,998	--	-6,294	2,964	8,388	11,957	40,856
Natural Gas Liquids	32,505	-567	-411	2,791	-18,221	--	-6,143	2,964	8,388	10,888	40,580
Ethane	11,745	--	--	--	-4,151	--	628	--	2,770	4,196	6,443
Propane	11,405	--	2,177	2,118	-13,126	--	-5,296	--	100	7,770	14,685
Normal Butane	3,814	--	-2,514	537	-4,139	--	-1,881	1,156	116	-1,693	6,032
Isobutane	2,000	--	-74	128	-80	--	284	1,371	3	316	2,173
Natural Gasoline	3,541	-567	--	8	3,275	--	122	437	5,398	300	11,247
Refinery Olefins	--	--	1,420	275	-777	--	-151	--	--	1,069	276
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1,426	194	-777	--	-120	--	--	963	261
Normal Butylene	--	--	-6	81	--	--	-31	--	--	106	15
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	30,127	--	376	-16,366	-1,789	6,389	5,051	2,429	-1,522	72,251
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	30,127	--	52	-19,275	-972	893	7,961	387	691	11,719
Hydrogen	--	--	--	--	--	1,201	--	1,201	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	30,127	--	52	-19,275	-2,195	887	6,744	387	691	11,700
Fuel Ethanol	--	27,508	--	--	-17,930	-2,195	578	6,448	357	0	10,312
Renewable Fuels Except Fuel Ethanol	--	2,619	--	52	-1,345	--	309	296	30	691	1,388
Other Hydrocarbons	--	--	--	--	--	22	6	16	--	0	19
Unfinished Oils	--	--	--	4	-581	--	-382	46	1,972	-2,213	11,132
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	320	3,490	-818	5,878	-2,956	70	0	49,400
Reformulated	--	0	--	--	614	235	-59	908	--	0	5,120
Conventional	--	--	--	320	2,876	-1,053	5,937	-3,864	70	0	44,280
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	78	126,267	1,094	-504	3,012	4,171	--	780	124,996	59,926
Finished Motor Gasoline	--	78	66,642	--	-918	3,012	-1,704	--	206	70,312	5,652
Reformulated	--	--	9,033	--	--	-123	--	--	--	8,910	--
Conventional	--	78	57,609	--	-918	3,135	-1,704	--	206	61,402	5,652
Finished Aviation Gasoline	--	--	30	3	--	--	15	--	--	18	196
Kerosene-Type Jet Fuel	--	--	6,639	--	155	--	283	--	22	6,489	6,825
Kerosene	--	--	280	--	--	--	-25	--	1	304	173
Distillate Fuel Oil	--	0	34,972	237	2,100	--	3,632	--	57	33,620	31,656
15 ppm sulfur and under	--	0	35,196	235	2,077	--	3,828	--	0	33,680	31,254
Greater than 15 ppm to 500 ppm sulfur	--	--	37	1	23	--	-85	--	18	128	217
Greater than 500 ppm sulfur	--	--	-261	1	--	--	-111	--	38	-187	185
Residual Fuel Oil	--	--	948	52	-502	--	-115	--	172	441	1,014
Less than 0.31 percent sulfur	--	--	53	--	--	--	-24	--	NA	NA	49
0.31 to 1.00 percent sulfur	--	--	333	52	-285	--	8	--	NA	NA	244
Greater than 1.00 percent sulfur	--	--	562	--	-217	--	-99	--	NA	NA	721
Petrochemical Feedstocks	--	--	850	158	-69	--	-36	--	--	975	568
Naphtha for Petro. Feed. Use	--	--	525	97	-46	--	-1	--	--	577	481
Other Oils for Petro. Feed. Use	--	--	325	61	-23	--	-35	--	--	398	87
Special Naphthas	--	--	36	8	51	--	24	--	--	71	175
Lubricants	--	--	281	213	180	--	95	--	178	401	726
Waxes	--	--	43	16	--	--	10	--	34	15	50
Petroleum Coke	--	--	5,510	38	-811	--	0	--	40	4,698	1,635
Marketable	--	--	4,112	38	-811	--	0	--	40	3,300	1,635
Catalyst	--	--	1,398	--	--	--	--	--	--	1,398	--
Asphalt and Road Oil	--	--	5,623	369	-691	--	1,978	--	68	3,255	11,135
Still Gas	--	--	3,927	--	--	--	--	--	--	3,927	--
Miscellaneous Products	--	--	486	--	--	--	14	--	3	469	121
Total	85,602	29,638	127,276	91,473	-72,998	2,752	-6,515	120,482	14,343	135,432	309,411

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	53,097	--	--	86,937	-37,130	1,529	-10,781	112,467	2,747	0	136,378
Hydrocarbon Gas Liquids	32,505	-567	1,009	3,066	-18,998	--	-6,294	2,964	8,388	11,957	40,856
Natural Gas Liquids	32,505	-567	-411	2,791	-18,221	--	-6,143	2,964	8,388	10,888	40,580
Ethane	11,745	--	--	--	-4,151	--	628	--	2,770	4,196	6,443
Propane	11,405	--	2,177	2,118	-13,126	--	-5,296	--	100	7,770	14,685
Normal Butane	3,814	--	-2,514	537	-4,139	--	-1,881	1,156	116	-1,693	6,032
Isobutane	2,000	--	-74	128	-80	--	284	1,371	3	316	2,173
Natural Gasoline	3,541	-567	--	8	3,275	--	122	437	5,398	300	11,247
Refinery Olefins	--	--	1,420	275	-777	--	-151	--	--	1,069	276
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1,426	194	-777	--	-120	--	--	963	261
Normal Butylene	--	--	-6	81	--	--	-31	--	--	106	15
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	30,127	--	376	-16,366	-1,789	6,389	5,051	2,429	-1,522	72,251
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	--	30,127	--	52	-19,275	-972	893	7,961	387	691	11,719
Hydrogen	--	--	--	--	--	1,201	--	1,201	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	30,127	--	52	-19,275	-2,195	887	6,744	387	691	11,700
Fuel Ethanol	--	27,508	--	--	-17,930	-2,195	578	6,448	357	0	10,312
Renewable Fuels Except Fuel Ethanol	--	2,619	--	52	-1,345	--	309	296	30	691	1,388
Other Hydrocarbons	--	--	--	--	--	22	6	16	--	0	19
Unfinished Oils	--	--	--	4	-581	--	-382	46	1,972	-2,213	11,132
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	320	3,490	-818	5,878	-2,956	70	0	49,400
Reformulated	--	0	--	--	614	235	-59	908	--	0	5,120
Conventional	--	--	--	320	2,876	-1,053	5,937	-3,864	70	0	44,280
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	78	126,267	1,094	-504	3,012	4,171	--	780	124,996	59,926
Finished Motor Gasoline	--	78	66,642	--	-918	3,012	-1,704	--	206	70,312	5,652
Reformulated	--	--	9,033	--	--	-123	--	--	--	8,910	--
Conventional	--	78	57,609	--	-918	3,135	-1,704	--	206	61,402	5,652
Finished Aviation Gasoline	--	--	30	3	--	--	15	--	--	18	196
Kerosene-Type Jet Fuel	--	--	6,639	--	155	--	283	--	22	6,489	6,825
Kerosene	--	--	280	--	--	--	-25	--	1	304	173
Distillate Fuel Oil	--	0	34,972	237	2,100	--	3,632	--	57	33,620	31,656
15 ppm sulfur and under	--	0	35,196	235	2,077	--	3,828	--	0	33,680	31,254
Greater than 15 ppm to 500 ppm sulfur	--	--	37	1	23	--	-85	--	18	128	217
Greater than 500 ppm sulfur	--	--	-261	1	--	--	-111	--	38	-187	185
Residual Fuel Oil	--	--	948	52	-502	--	-115	--	172	441	1,014
Less than 0.31 percent sulfur	--	--	53	--	--	--	-24	--	NA	NA	49
0.31 to 1.00 percent sulfur	--	--	333	52	-285	--	8	--	NA	NA	244
Greater than 1.00 percent sulfur	--	--	562	--	-217	--	-99	--	NA	NA	721
Petrochemical Feedstocks	--	--	850	158	-69	--	-36	--	--	975	568
Naphtha for Petro. Feed. Use	--	--	525	97	-46	--	-1	--	--	577	481
Other Oils for Petro. Feed. Use	--	--	325	61	-23	--	-35	--	--	398	87
Special Naphthas	--	--	36	8	51	--	24	--	--	71	175
Lubricants	--	--	281	213	180	--	95	--	178	401	726
Waxes	--	--	43	16	--	--	10	--	34	15	50
Petroleum Coke	--	--	5,510	38	-811	--	0	--	40	4,698	1,635
Marketable	--	--	4,112	38	-811	--	0	--	40	3,300	1,635
Catalyst	--	--	1,398	--	--	--	--	--	--	1,398	--
Asphalt and Road Oil	--	--	5,623	369	-691	--	1,978	--	68	3,255	11,135
Still Gas	--	--	3,927	--	--	--	--	--	--	3,927	--
Miscellaneous Products	--	--	486	--	--	--	14	--	3	469	121
Total	85,602	29,638	127,276	91,473	-72,998	2,752	-6,515	120,482	14,343	135,432	309,411

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,713	--	--	2,804	-1,198	49	-348	3,628	89	0
Hydrocarbon Gas Liquids	1,049	-18	33	99	-613	--	-203	96	271	386
Natural Gas Liquids	1,049	-18	-13	90	-588	--	-198	96	271	351
Ethane	379	--	--	--	-134	--	20	--	89	135
Propane	368	--	70	68	-423	--	-171	--	3	251
Normal Butane	123	--	-81	17	-134	--	-61	37	4	-55
Isobutane	65	--	-2	4	-3	--	9	44	0	10
Natural Gasoline	114	-18	--	0	106	--	4	14	174	10
Refinery Olefins	--	--	46	9	-25	--	-5	--	--	34
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	46	6	-25	--	-4	--	--	31
Normal Butylene	--	--	0	3	--	--	-1	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	972	--	12	-528	-58	206	163	78	-49
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	972	--	2	-622	-31	29	257	12	22
Hydrogen	--	--	--	--	--	39	--	39	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	972	--	2	-622	-71	29	218	12	22
Fuel Ethanol	--	887	--	--	-578	-71	19	208	12	0
Renewable Fuels Except Fuel Ethanol	--	84	--	2	-43	--	10	10	1	22
Other Hydrocarbons	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	--	--	0	-19	--	-12	1	64	-71
Motor Gasoline Blend Comp. (MGBC)	--	0	--	10	113	-26	190	-95	2	0
Reformulated	--	0	--	--	20	8	-2	29	--	0
Conventional	--	--	--	10	93	-34	192	-125	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	3	4,073	35	-16	97	135	--	25	4,032
Finished Motor Gasoline	--	3	2,150	--	-30	97	-55	--	7	2,268
Reformulated	--	--	291	--	--	-4	--	--	--	287
Conventional	--	3	1,858	--	-30	101	-55	--	7	1,981
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	214	--	5	--	9	--	1	209
Kerosene	--	--	9	--	--	--	-1	--	0	10
Distillate Fuel Oil	--	0	1,128	8	68	--	117	--	2	1,085
15 ppm sulfur and under	--	0	1,135	8	67	--	123	--	0	1,086
Greater than 15 ppm to 500 ppm sulfur	--	--	1	0	1	--	-3	--	1	4
Greater than 500 ppm sulfur	--	--	-8	0	--	--	-4	--	1	-6
Residual Fuel Oil	--	--	31	2	-16	--	-4	--	6	14
Less than 0.31 percent sulfur	--	--	2	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	11	2	-9	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	18	--	-7	--	-3	--	NA	NA
Petrochemical Feedstocks	--	--	27	5	-2	--	-1	--	--	31
Naphtha for Petro. Feed. Use	--	--	17	3	-1	--	0	--	--	19
Other Oils for Petro. Feed. Use	--	--	10	2	-1	--	-1	--	--	13
Special Naphthas	--	--	1	0	2	--	1	--	--	2
Lubricants	--	--	9	7	6	--	3	--	6	13
Waxes	--	--	1	1	--	--	0	--	1	0
Petroleum Coke	--	--	178	1	-26	--	0	--	1	152
Marketable	--	--	133	1	-26	--	0	--	1	106
Catalyst	--	--	45	--	--	--	--	--	--	45
Asphalt and Road Oil	--	--	181	12	-22	--	64	--	2	105
Still Gas	--	--	127	--	--	--	--	--	--	127
Miscellaneous Products	--	--	16	--	--	--	0	--	0	15
Total	2,761	956	4,106	2,951	-2,355	89	-210	3,887	463	4,369

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,713	--	--	2,804	-1,198	49	-348	3,628	89	0
Hydrocarbon Gas Liquids	1,049	-18	33	99	-613	--	-203	96	271	386
Natural Gas Liquids	1,049	-18	-13	90	-588	--	-198	96	271	351
Ethane	379	--	--	--	-134	--	20	--	89	135
Propane	368	--	70	68	-423	--	-171	--	3	251
Normal Butane	123	--	-81	17	-134	--	-61	37	4	-55
Isobutane	65	--	-2	4	-3	--	9	44	0	10
Natural Gasoline	114	-18	--	0	106	--	4	14	174	10
Refinery Olefins	--	--	46	9	-25	--	-5	--	--	34
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	46	6	-25	--	-4	--	--	31
Normal Butylene	--	--	0	3	--	--	-1	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	972	--	12	-528	-58	206	163	78	-49
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	972	--	2	-622	-31	29	257	12	22
Hydrogen	--	--	--	--	--	39	--	39	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	972	--	2	-622	-71	29	218	12	22
Fuel Ethanol	--	887	--	--	-578	-71	19	208	12	0
Renewable Fuels Except Fuel Ethanol	--	84	--	2	-43	--	10	10	1	22
Other Hydrocarbons	--	--	--	--	--	1	0	1	--	0
Unfinished Oils	--	--	--	0	-19	--	-12	1	64	-71
Motor Gasoline Blend Comp. (MGBC)	--	0	--	10	113	-26	190	-95	2	0
Reformulated	--	0	--	--	20	8	-2	29	--	0
Conventional	--	--	--	10	93	-34	192	-125	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	3	4,073	35	-16	97	135	--	25	4,032
Finished Motor Gasoline	--	3	2,150	--	-30	97	-55	--	7	2,268
Reformulated	--	--	291	--	--	-4	--	--	--	287
Conventional	--	3	1,858	--	-30	101	-55	--	7	1,981
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	1
Kerosene-Type Jet Fuel	--	--	214	--	5	--	9	--	1	209
Kerosene	--	--	9	--	--	--	-1	--	0	10
Distillate Fuel Oil	--	0	1,128	8	68	--	117	--	2	1,085
15 ppm sulfur and under	--	0	1,135	8	67	--	123	--	0	1,086
Greater than 15 ppm to 500 ppm sulfur	--	--	1	0	1	--	-3	--	1	4
Greater than 500 ppm sulfur	--	--	-8	0	--	--	-4	--	1	-6
Residual Fuel Oil	--	--	31	2	-16	--	-4	--	6	14
Less than 0.31 percent sulfur	--	--	2	--	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	11	2	-9	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	18	--	-7	--	-3	--	NA	NA
Petrochemical Feedstocks	--	--	27	5	-2	--	-1	--	--	31
Naphtha for Petro. Feed. Use	--	--	17	3	-1	--	0	--	--	19
Other Oils for Petro. Feed. Use	--	--	10	2	-1	--	-1	--	--	13
Special Naphthas	--	--	1	0	2	--	1	--	--	2
Lubricants	--	--	9	7	6	--	3	--	6	13
Waxes	--	--	1	1	--	--	0	--	1	0
Petroleum Coke	--	--	178	1	-26	--	0	--	1	152
Marketable	--	--	133	1	-26	--	0	--	1	106
Catalyst	--	--	45	--	--	--	--	--	--	45
Asphalt and Road Oil	--	--	181	12	-22	--	64	--	2	105
Still Gas	--	--	127	--	--	--	--	--	--	127
Miscellaneous Products	--	--	16	--	--	--	0	--	0	15
Total	2,761	956	4,106	2,951	-2,355	89	-210	3,887	463	4,369

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	238,507	--	--	38,485	46,305	14,168	-1,569	245,489	93,545	0	895,355
Hydrocarbon Gas Liquids	90,864	-10	10,408	--	22,151	--	-28,017	10,633	56,162	84,635	130,921
Natural Gas Liquids	90,864	-10	3,612	--	21,673	--	-27,838	10,633	56,162	77,182	129,787
Ethane	39,119	--	131	--	12,670	--	-6,278	--	6,113	52,085	55,437
Propane	28,487	--	4,419	--	7,861	--	-9,065	--	40,581	9,251	28,268
Normal Butane	5,801	--	-511	--	2,056	--	-6,282	4,993	9,314	-679	22,396
Isobutane	8,925	--	-427	--	815	--	-1,575	3,294	50	7,544	7,850
Natural Gasoline	8,532	-10	--	--	-1,729	--	-4,638	2,346	103	8,982	15,836
Refinery Olefins	--	--	6,796	--	478	--	-179	--	--	7,453	1,134
Ethylene	--	--	2	--	--	--	0	--	--	2	0
Propylene	--	--	7,139	--	478	--	-171	--	--	7,788	779
Normal Butylene	--	--	-316	--	--	--	-14	--	--	-302	349
Isobutylene	--	--	-29	--	--	--	6	--	--	-35	6
Other Liquids	--	1,721	--	13,852	-51,063	11,306	13,753	-55,508	18,433	-861	138,331
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,721	--	--	5,644	5,169	717	7,908	3,454	455	6,144
Hydrogen	--	--	--	--	--	3,528	--	3,528	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,721	--	--	5,644	1,641	717	4,380	3,454	455	6,144
Fuel Ethanol	--	430	--	--	5,427	1,641	148	4,020	3,330	0	4,464
Renewable Fuels Except Fuel Ethanol	--	1,291	--	--	218	--	569	360	124	455	1,680
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	13,248	624	--	6,060	-4,240	13,345	-1,293	49,724
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	604	-57,331	6,137	6,971	-59,194	1,633	0	82,427
Reformulated	--	--	--	--	-10,376	5,206	123	-5,300	7	0	10,959
Conventional	--	--	--	604	-46,955	931	6,848	-53,894	1,626	0	71,468
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	5	18	--	-23	36
Finished Petroleum Products	--	-1	204,344	7,249	-36,915	-7,778	7,169	--	67,713	92,017	118,101
Finished Motor Gasoline	--	0	65,138	306	-2,058	-7,778	303	--	22,873	32,432	8,560
Reformulated	--	--	11,801	--	--	-5,672	--	--	--	6,129	--
Conventional	--	0	53,337	306	-2,058	-2,106	303	--	22,873	26,303	8,560
Finished Aviation Gasoline	--	--	168	--	-46	--	-70	--	--	192	353
Kerosene-Type Jet Fuel	--	--	20,544	--	-10,370	--	1,386	--	2,555	6,233	13,810
Kerosene	--	--	25	--	-288	--	196	--	228	-687	439
Distillate Fuel Oil	--	-1	78,990	400	-24,161	--	3,555	--	26,759	24,914	56,660
15 ppm sulfur and under	--	-1	73,194	--	-23,616	--	2,280	--	21,770	25,527	49,711
Greater than 15 ppm to 500 ppm sulfur	--	0	3,198	--	-23	--	747	--	2,669	-241	2,079
Greater than 500 ppm sulfur	--	--	2,598	400	-522	--	528	--	2,319	-371	4,870
Residual Fuel Oil	--	--	678	4,576	502	--	1,815	--	1,407	2,534	17,982
Less than 0.31 percent sulfur	--	--	217	599	--	--	982	--	NA	NA	2,193
0.31 to 1.00 percent sulfur	--	--	385	270	285	--	558	--	NA	NA	4,368
Greater than 1.00 percent sulfur	--	--	76	3,707	217	--	275	--	NA	NA	11,421
Petrochemical Feedstocks	--	--	7,343	251	69	--	-13	--	--	7,676	2,269
Naphtha for Petro. Feed. Use	--	--	4,709	241	46	--	42	--	--	4,954	1,634
Other Oils for Petro. Feed. Use	--	--	2,634	10	23	--	-55	--	--	2,722	635
Special Naphthas	--	--	988	300	-51	--	6	--	--	1,231	825
Lubricants	--	--	4,257	1,210	-576	--	473	--	2,239	2,179	7,505
Waxes	--	--	83	52	--	--	-27	--	23	139	227
Petroleum Coke	--	--	12,093	56	413	--	-530	--	11,183	1,909	4,126
Marketable	--	--	9,199	56	413	--	-530	--	11,183	-985	4,126
Catalyst	--	--	2,894	--	--	--	--	--	--	2,894	--
Asphalt and Road Oil	--	--	2,105	98	-349	--	15	--	444	1,395	4,982
Still Gas	--	--	10,395	--	--	--	--	--	--	10,395	--
Miscellaneous Products	--	--	1,537	--	--	--	60	--	4	1,473	363
Total	329,371	1,710	214,752	59,586	-19,521	17,696	-8,664	200,614	235,852	175,791	1,282,708

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil⁶	238,507	--	--	38,485	46,305	14,168	-1,569	245,489	93,545	0	895,355
Hydrocarbon Gas Liquids	90,864	-10	10,408	--	22,151	--	-28,017	10,633	56,162	84,635	130,921
Natural Gas Liquids	90,864	-10	3,612	--	21,673	--	-27,838	10,633	56,162	77,182	129,787
Ethane	39,119	--	131	--	12,670	--	-6,278	--	6,113	52,085	55,437
Propane	28,487	--	4,419	--	7,861	--	-9,065	--	40,581	9,251	28,268
Normal Butane	5,801	--	-511	--	2,056	--	-6,282	4,993	9,314	-679	22,396
Isobutane	8,925	--	-427	--	815	--	-1,575	3,294	50	7,544	7,850
Natural Gasoline	8,532	-10	--	--	-1,729	--	-4,638	2,346	103	8,982	15,836
Refinery Olefins	--	--	6,796	--	478	--	-179	--	--	7,453	1,134
Ethylene	--	--	2	--	--	--	0	--	--	2	--
Propylene	--	--	7,139	--	478	--	-171	--	--	7,788	779
Normal Butylene	--	--	-316	--	--	--	-14	--	--	-302	349
Isobutylene	--	--	-29	--	--	--	6	--	--	-35	6
Other Liquids	--	1,721	--	13,852	-51,063	11,306	13,753	-55,508	18,433	-861	138,331
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,721	--	--	5,644	5,169	717	7,908	3,454	455	6,144
Hydrogen	--	--	--	--	--	3,528	--	3,528	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	1,721	--	--	5,644	1,641	717	4,380	3,454	455	6,144
Fuel Ethanol	--	430	--	--	5,427	1,641	148	4,020	3,330	0	4,464
Renewable Fuels Except Fuel Ethanol	--	1,291	--	--	218	--	569	360	124	455	1,680
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	13,248	624	--	6,060	-4,240	13,345	-1,293	49,724
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	604	-57,331	6,137	6,971	-59,194	1,633	0	82,427
Reformulated	--	--	--	--	-10,376	5,206	123	-5,300	7	0	10,959
Conventional	--	--	--	604	-46,955	931	6,848	-53,894	1,626	0	71,468
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	5	18	--	-23	36
Finished Petroleum Products	--	-1	204,344	7,249	-36,915	-7,778	7,169	--	67,713	92,017	118,101
Finished Motor Gasoline	--	0	65,138	306	-2,058	-7,778	303	--	22,873	32,432	8,560
Reformulated	--	--	11,801	--	--	-5,672	--	--	--	6,129	--
Conventional	--	0	53,337	306	-2,058	-2,106	303	--	22,873	26,303	8,560
Finished Aviation Gasoline	--	--	168	--	-46	--	-70	--	--	192	353
Kerosene-Type Jet Fuel	--	--	20,544	--	-10,370	--	1,386	--	2,555	6,233	13,810
Kerosene	--	--	25	--	-288	--	196	--	228	-687	439
Distillate Fuel Oil	--	-1	78,990	400	-24,161	--	3,555	--	26,759	24,914	56,660
15 ppm sulfur and under	--	-1	73,194	--	-23,616	--	2,280	--	21,770	25,527	49,711
Greater than 15 ppm to 500 ppm sulfur	--	0	3,198	--	-23	--	747	--	2,669	-241	2,079
Greater than 500 ppm sulfur	--	--	2,598	400	-522	--	528	--	2,319	-371	4,870
Residual Fuel Oil	--	--	678	4,576	502	--	1,815	--	1,407	2,534	17,982
Less than 0.31 percent sulfur	--	--	217	599	--	--	982	--	NA	NA	2,193
0.31 to 1.00 percent sulfur	--	--	385	270	285	--	558	--	NA	NA	4,368
Greater than 1.00 percent sulfur	--	--	76	3,707	217	--	275	--	NA	NA	11,421
Petrochemical Feedstocks	--	--	7,343	251	69	--	-13	--	--	7,676	2,269
Naphtha for Petro. Feed. Use	--	--	4,709	241	46	--	42	--	--	4,954	1,634
Other Oils for Petro. Feed. Use	--	--	2,634	10	23	--	-55	--	--	2,722	635
Special Naphthas	--	--	988	300	-51	--	6	--	--	1,231	825
Lubricants	--	--	4,257	1,210	-576	--	473	--	2,239	2,179	7,505
Waxes	--	--	83	52	--	--	-27	--	23	139	227
Petroleum Coke	--	--	12,093	56	413	--	-530	--	11,183	1,909	4,126
Marketable	--	--	9,199	56	413	--	-530	--	11,183	-985	4,126
Catalyst	--	--	2,894	--	--	--	--	--	--	2,894	--
Asphalt and Road Oil	--	--	2,105	98	-349	--	15	--	444	1,395	4,982
Still Gas	--	--	10,395	--	--	--	--	--	--	10,395	--
Miscellaneous Products	--	--	1,537	--	--	--	60	--	4	1,473	363
Total	329,371	1,710	214,752	59,586	-19,521	17,696	-8,664	200,614	235,852	175,791	1,282,708

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	7,694	--	--	1,241	1,494	457	-51	7,919	3,018	0
Hydrocarbon Gas Liquids	2,931	0	336	--	715	--	-904	343	1,812	2,730
Natural Gas Liquids	2,931	0	117	--	699	--	-898	343	1,812	2,490
Ethane	1,262	--	4	--	409	--	-203	--	197	1,680
Propane	919	--	143	--	254	--	-292	--	1,309	298
Normal Butane	187	--	-16	--	66	--	-203	161	300	-22
Isobutane	288	--	-14	--	26	--	-51	106	2	243
Natural Gasoline	275	0	--	--	-56	--	-150	76	3	290
Refinery Olefins	--	--	219	--	15	--	-6	--	--	240
Ethylene	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	230	--	15	--	-6	--	--	251
Normal Butylene	--	--	-10	--	--	--	0	--	--	-10
Isobutylene	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	56	--	447	-1,647	365	444	-1,791	595	-28
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	56	--	--	182	167	23	255	111	15
Hydrogen	--	--	--	--	--	114	--	114	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	56	--	--	182	53	23	141	111	15
Fuel Ethanol	--	14	--	--	175	53	5	130	107	0
Renewable Fuels Except Fuel Ethanol	--	42	--	--	7	--	18	12	4	15
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	427	20	--	195	-137	430	-42
Motor Gasoline Blend Comp. (MGBC)	--	--	--	19	-1,849	198	225	-1,909	53	0
Reformulated	--	--	--	--	-335	168	4	-171	0	0
Conventional	--	--	--	19	-1,515	30	221	-1,739	52	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	0	6,592	234	-1,191	-251	231	--	2,184	2,968
Finished Motor Gasoline	--	0	2,101	10	-66	-251	10	--	738	1,046
Reformulated	--	--	381	--	--	-183	--	--	--	198
Conventional	--	0	1,721	10	-66	-68	10	--	738	848
Finished Aviation Gasoline	--	--	5	--	-1	--	-2	--	--	6
Kerosene-Type Jet Fuel	--	--	663	--	-335	--	45	--	82	201
Kerosene	--	--	1	--	-9	--	6	--	7	-22
Distillate Fuel Oil	--	0	2,548	13	-779	--	115	--	863	804
15 ppm sulfur and under	--	0	2,361	--	-762	--	74	--	702	823
Greater than 15 ppm to 500 ppm sulfur	--	0	103	--	-1	--	24	--	86	-8
Greater than 500 ppm sulfur	--	--	84	13	-17	--	17	--	75	-12
Residual Fuel Oil	--	--	22	148	16	--	59	--	45	82
Less than 0.31 percent sulfur	--	--	7	19	--	--	32	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	12	9	9	--	18	--	NA	NA
Greater than 1.00 percent sulfur	--	--	2	120	7	--	9	--	NA	NA
Petrochemical Feedstocks	--	--	237	8	2	--	0	--	--	248
Naphtha for Petro. Feed. Use	--	--	152	8	1	--	1	--	--	160
Other Oils for Petro. Feed. Use	--	--	85	0	1	--	-2	--	--	88
Special Naphthas	--	--	32	10	-2	--	0	--	--	40
Lubricants	--	--	137	39	-19	--	15	--	72	70
Waxes	--	--	3	2	--	--	-1	--	1	4
Petroleum Coke	--	--	390	2	13	--	-17	--	361	62
Marketable	--	--	297	2	13	--	-17	--	361	-32
Catalyst	--	--	93	--	--	--	--	--	--	93
Asphalt and Road Oil	--	--	68	3	-11	--	0	--	14	45
Still Gas	--	--	335	--	--	--	--	--	--	335
Miscellaneous Products	--	--	50	--	--	--	2	--	0	48
Total	10,625	55	6,927	1,922	-630	571	-279	6,471	7,608	5,671

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Product Pipeline Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	7,694	--	--	1,241	1,494	457	-51	7,919	3,018	0
Hydrocarbon Gas Liquids	2,931	0	336	--	715	--	-904	343	1,812	2,730
Natural Gas Liquids	2,931	0	117	--	699	--	-898	343	1,812	2,490
Ethane	1,262	--	4	--	409	--	-203	--	197	1,680
Propane	919	--	143	--	254	--	-292	--	1,309	298
Normal Butane	187	--	-16	--	66	--	-203	161	300	-22
Isobutane	288	--	-14	--	26	--	-51	106	2	243
Natural Gasoline	275	0	--	--	-56	--	-150	76	3	290
Refinery Olefins	--	--	219	--	15	--	-6	--	--	240
Ethylene	--	--	0	--	--	--	0	--	--	0
Propylene	--	--	230	--	15	--	-6	--	--	251
Normal Butylene	--	--	-10	--	--	--	0	--	--	-10
Isobutylene	--	--	-1	--	--	--	0	--	--	-1
Other Liquids	--	56	--	447	-1,647	365	444	-1,791	595	-28
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	56	--	--	182	167	23	255	111	15
Hydrogen	--	--	--	--	--	114	--	114	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	56	--	--	182	53	23	141	111	15
Fuel Ethanol	--	14	--	--	175	53	5	130	107	0
Renewable Fuels Except Fuel Ethanol	--	42	--	--	7	--	18	12	4	15
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	427	20	--	195	-137	430	-42
Motor Gasoline Blend Comp. (MGBC)	--	--	--	19	-1,849	198	225	-1,909	53	0
Reformulated	--	--	--	--	-335	168	4	-171	0	0
Conventional	--	--	--	19	-1,515	30	221	-1,739	52	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	-1
Finished Petroleum Products	--	0	6,592	234	-1,191	-251	231	--	2,184	2,968
Finished Motor Gasoline	--	0	2,101	10	-66	-251	10	--	738	1,046
Reformulated	--	--	381	--	--	-183	--	--	--	198
Conventional	--	0	1,721	10	-66	-68	10	--	738	848
Finished Aviation Gasoline	--	--	5	--	-1	--	-2	--	--	6
Kerosene-Type Jet Fuel	--	--	663	--	-335	--	45	--	82	201
Kerosene	--	--	1	--	-9	--	6	--	7	-22
Distillate Fuel Oil	--	0	2,548	13	-779	--	115	--	863	804
15 ppm sulfur and under	--	0	2,361	--	-762	--	74	--	702	823
Greater than 15 ppm to 500 ppm sulfur	--	0	103	--	-1	--	24	--	86	-8
Greater than 500 ppm sulfur	--	--	84	13	-17	--	17	--	75	-12
Residual Fuel Oil	--	--	22	148	16	--	59	--	45	82
Less than 0.31 percent sulfur	--	--	7	19	--	--	32	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	12	9	9	--	18	--	NA	NA
Greater than 1.00 percent sulfur	--	--	2	120	7	--	9	--	NA	NA
Petrochemical Feedstocks	--	--	237	8	2	--	0	--	--	248
Naphtha for Petro. Feed. Use	--	--	152	8	1	--	1	--	--	160
Other Oils for Petro. Feed. Use	--	--	85	0	1	--	-2	--	--	88
Special Naphthas	--	--	32	10	-2	--	0	--	--	40
Lubricants	--	--	137	39	-19	--	15	--	72	70
Waxes	--	--	3	2	--	--	-1	--	1	4
Petroleum Coke	--	--	390	2	13	--	-17	--	361	62
Marketable	--	--	297	2	13	--	-17	--	361	-32
Catalyst	--	--	93	--	--	--	--	--	--	93
Asphalt and Road Oil	--	--	68	3	-11	--	0	--	14	45
Still Gas	--	--	335	--	--	--	--	--	--	335
Miscellaneous Products	--	--	50	--	--	--	2	--	0	48
Total	10,625	55	6,927	1,922	-630	571	-279	6,471	7,608	5,671

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,397	--	--	12,581	-16,191	-1,914	541	17,332	--	0	24,769
Hydrocarbon Gas Liquids	15,814	-7	2	802	-9,225	--	-840	563	77	7,586	5,652
Natural Gas Liquids	15,814	-7	-59	802	-9,225	--	-775	563	77	7,460	5,544
Ethane	4,819	--	--	--	-3,502	--	296	--	--	1,021	1,228
Propane	5,635	--	195	611	-2,726	--	-513	--	0	4,228	2,304
Normal Butane	2,192	--	-243	177	-1,185	--	-449	293	0	1,097	913
Isobutane	1,028	--	-11	14	-615	--	-23	153	--	286	413
Natural Gasoline	2,140	-7	--	--	-1,197	--	-86	117	77	828	686
Refinery Olefins	--	--	61	--	--	--	-65	--	--	126	108
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	24	--	--	--	0	--	--	24	0
Normal Butylene	--	--	37	--	--	--	-65	--	--	102	108
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	579	--	77	764	-438	508	218	24	231	10,142
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	579	--	27	464	260	9	1,089	24	208	436
Hydrogen	--	--	--	--	--	216	--	216	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	579	--	27	464	44	9	873	24	208	436
Fuel Ethanol	--	291	--	--	442	44	-37	790	24	0	379
Renewable Fuels Except Fuel Ethanol	--	288	--	27	22	--	46	83	--	208	57
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-99	75	0	24	2,589
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	50	300	-698	598	-946	--	0	7,117
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	50	300	-698	598	-946	--	0	7,117
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	18,726	220	-952	654	239	--	16	18,393	8,788
Finished Motor Gasoline	--	--	8,716	--	-398	654	-387	--	1	9,358	1,751
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	8,716	--	-398	654	-387	--	1	9,358	1,751
Finished Aviation Gasoline	--	--	6	1	--	--	2	--	--	5	9
Kerosene-Type Jet Fuel	--	--	838	15	562	--	154	--	--	1,261	720
Kerosene	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	0	6,115	158	-273	--	2	--	--	5,998	4,117
15 ppm sulfur and under	--	0	6,082	158	-273	--	12	--	--	5,955	3,936
Greater than 15 ppm to 500 ppm sulfur	--	--	30	--	--	--	-14	--	--	44	139
Greater than 500 ppm sulfur	--	--	3	--	--	--	4	--	--	-1	42
Residual Fuel Oil	--	--	353	--	--	--	-15	--	5	363	164
Less than 0.31 percent sulfur	--	--	212	--	--	--	-2	--	NA	NA	21
0.31 to 1.00 percent sulfur	--	--	9	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	132	--	--	--	-13	--	NA	NA	139
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	9	-9	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	672	--	-357	--	27	--	--	288	223
Marketable	--	--	463	--	-357	--	27	--	--	79	223
Catalyst	--	--	209	--	--	--	--	--	--	209	--
Asphalt and Road Oil	--	--	1,305	45	-485	--	458	--	1	406	1,788
Still Gas	--	--	612	--	--	--	--	--	--	612	--
Miscellaneous Products	--	--	109	1	--	--	-1	--	--	111	15
Total	39,211	572	18,728	13,680	-25,604	-1,698	448	18,113	117	26,211	49,351

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biogiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	23,397	--	--	12,581	-16,191	-1,914	541	17,332	--	0	24,769
Hydrocarbon Gas Liquids	15,814	-7	2	802	-9,225	--	-840	563	77	7,586	5,652
Natural Gas Liquids	15,814	-7	-59	802	-9,225	--	-775	563	77	7,460	5,544
Ethane	4,819	--	--	--	-3,502	--	296	--	--	1,021	1,228
Propane	5,635	--	195	611	-2,726	--	-513	--	0	4,228	2,304
Normal Butane	2,192	--	-243	177	-1,185	--	-449	293	0	1,097	913
Isobutane	1,028	--	-11	14	-615	--	-23	153	--	286	413
Natural Gasoline	2,140	-7	--	--	-1,197	--	-86	117	77	828	686
Refinery Olefins	--	--	61	--	--	--	-65	--	--	126	108
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	24	--	--	--	0	--	--	24	0
Normal Butylene	--	--	37	--	--	--	-65	--	--	102	108
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	579	--	77	764	-438	508	218	24	231	10,142
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	579	--	27	464	260	9	1,089	24	208	436
Hydrogen	--	--	--	--	--	216	--	216	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	579	--	27	464	44	9	873	24	208	436
Fuel Ethanol	--	291	--	--	442	44	-37	790	24	0	379
Renewable Fuels Except Fuel Ethanol	--	288	--	27	22	--	46	83	--	208	57
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-99	75	0	24	2,589
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	50	300	-698	598	-946	--	0	7,117
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	50	300	-698	598	-946	--	0	7,117
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	18,726	220	-952	654	239	--	16	18,393	8,788
Finished Motor Gasoline	--	--	8,716	--	-398	654	-387	--	1	9,358	1,751
Reformulated	--	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	8,716	--	-398	654	-387	--	1	9,358	1,751
Finished Aviation Gasoline	--	--	6	1	--	--	2	--	--	5	9
Kerosene-Type Jet Fuel	--	--	838	15	562	--	154	--	--	1,261	720
Kerosene	--	--	--	--	--	--	-1	--	--	1	1
Distillate Fuel Oil	--	0	6,115	158	-273	--	2	--	--	5,998	4,117
15 ppm sulfur and under	--	0	6,082	158	-273	--	12	--	--	5,955	3,936
Greater than 15 ppm to 500 ppm sulfur	--	--	30	--	--	--	-14	--	--	44	139
Greater than 500 ppm sulfur	--	--	3	--	--	--	4	--	--	-1	42
Residual Fuel Oil	--	--	353	--	--	--	-15	--	5	363	164
Less than 0.31 percent sulfur	--	--	212	--	--	--	-2	--	NA	NA	21
0.31 to 1.00 percent sulfur	--	--	9	--	--	--	0	--	NA	NA	4
Greater than 1.00 percent sulfur	--	--	132	--	--	--	-13	--	NA	NA	139
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	9	-9	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	672	--	-357	--	27	--	--	288	223
Marketable	--	--	463	--	-357	--	27	--	--	79	223
Catalyst	--	--	209	--	--	--	--	--	--	209	--
Asphalt and Road Oil	--	--	1,305	45	-485	--	458	--	1	406	1,788
Still Gas	--	--	612	--	--	--	--	--	--	612	--
Miscellaneous Products	--	--	109	1	--	--	-1	--	--	111	15
Total	39,211	572	18,728	13,680	-25,604	-1,698	448	18,113	117	26,211	49,351

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, bioiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	755	--	--	406	-522	-62	17	559	-	0
Hydrocarbon Gas Liquids	510	0	0	26	-298	--	-27	18	2	245
Natural Gas Liquids	510	0	-2	26	-298	--	-25	18	2	241
Ethane	155	--	--	--	-113	--	10	--	--	33
Propane	182	--	6	20	-88	--	-17	--	0	136
Normal Butane	71	--	-8	6	-38	--	-14	9	0	35
Isobutane	33	--	0	0	-20	--	-1	5	--	9
Natural Gasoline	69	0	--	--	-39	--	-3	4	2	27
Refinery Olefins	--	--	2	--	--	--	-2	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	1	--	--	--	-2	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	19	--	2	25	-14	16	7	1	7
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	19	--	1	15	8	0	35	1	7
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	19	--	1	15	1	0	28	1	7
Fuel Ethanol	--	9	--	--	-14	1	-1	25	1	0
Renewable Fuels Except Fuel Ethanol	--	9	--	1	1	--	1	3	--	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-3	2	0	1
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	2	10	-23	19	-31	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	2	10	-23	19	-31	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	604	7	-31	21	8	--	1	593
Finished Motor Gasoline	--	--	281	--	-13	21	-12	--	0	302
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	281	--	-13	21	-12	--	0	302
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	27	0	18	--	5	--	--	41
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	197	5	-9	--	0	--	--	193
15 ppm sulfur and under	--	0	196	5	-9	--	0	--	--	192
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	--	--	0	--	--	1
Greater than 500 ppm sulfur	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	11	--	--	--	0	--	0	12
Less than 0.31 percent sulfur	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	22	--	-12	--	1	--	--	9
Marketable	--	--	15	--	-12	--	1	--	--	3
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	42	1	-16	--	15	--	0	13
Still Gas	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
Total	1,265	18	604	441	-826	-55	14	584	4	846

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	755	--	--	406	-522	-62	17	559	-	0
Hydrocarbon Gas Liquids	510	0	0	26	-298	--	-27	18	2	245
Natural Gas Liquids	510	0	-2	26	-298	--	-25	18	2	241
Ethane	155	--	--	--	-113	--	10	--	--	33
Propane	182	--	6	20	-88	--	-17	--	0	136
Normal Butane	71	--	-8	6	-38	--	-14	9	0	35
Isobutane	33	--	0	0	-20	--	-1	5	--	9
Natural Gasoline	69	0	--	--	-39	--	-3	4	2	27
Refinery Olefins	--	--	2	--	--	--	-2	--	--	4
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	1	--	--	--	0	--	--	1
Normal Butylene	--	--	1	--	--	--	-2	--	--	3
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	19	--	2	25	-14	16	7	1	7
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	19	--	1	15	8	0	35	1	7
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	19	--	1	15	1	0	28	1	7
Fuel Ethanol	--	9	--	--	-14	1	-1	25	1	0
Renewable Fuels Except Fuel Ethanol	--	9	--	1	1	--	1	3	--	7
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	--	--	--	-3	2	0	1
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	2	10	-23	19	-31	--	0
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	--	2	10	-23	19	-31	--	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	0	604	7	-31	21	8	--	1	593
Finished Motor Gasoline	--	--	281	--	-13	21	-12	--	0	302
Reformulated	--	--	--	--	--	--	--	--	--	--
Conventional	--	--	281	--	-13	21	-12	--	0	302
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	27	0	18	--	5	--	--	41
Kerosene	--	--	--	--	--	--	0	--	--	0
Distillate Fuel Oil	--	0	197	5	-9	--	0	--	--	193
15 ppm sulfur and under	--	0	196	5	-9	--	0	--	--	192
Greater than 15 ppm to 500 ppm sulfur	--	--	1	--	--	--	0	--	--	1
Greater than 500 ppm sulfur	--	--	0	--	--	--	0	--	--	0
Residual Fuel Oil	--	--	11	--	--	--	0	--	0	12
Less than 0.31 percent sulfur	--	--	7	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	0	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	4	--	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	22	--	-12	--	1	--	--	9
Marketable	--	--	15	--	-12	--	1	--	--	3
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	42	1	-16	--	15	--	0	13
Still Gas	--	--	20	--	--	--	--	--	--	20
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
Total	1,265	18	604	441	-826	-55	14	584	4	846

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,074	--	--	27,102	4,029	2,443	2,092	56,480	1,077	0	47,258
Hydrocarbon Gas Liquids	1,962	-5	-234	1,815	1,691	--	-178	2,658	872	1,877	4,075
Natural Gas Liquids	1,962	-5	-391	1,815	1,691	--	-179	2,658	872	1,721	4,061
Ethane	1	--	--	--	--	--	--	--	0	1	--
Propane	249	--	852	1,250	414	--	-204	--	617	2,352	1,939
Normal Butane	458	--	-1,154	565	1,066	--	8	1,157	252	-482	1,694
Isobutane	284	--	-89	--	211	--	16	602	1	-213	388
Natural Gasoline	970	-5	--	--	--	--	1	899	3	62	40
Refinery Olefins	--	--	157	--	--	--	1	--	--	156	14
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	152	--	--	--	0	--	--	152	11
Normal Butylene	--	--	5	--	--	--	1	--	--	4	3
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	528	--	1,932	9,226	281	2,322	7,645	451	1,549	52,364
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	528	--	823	4,461	1,015	111	5,609	195	911	4,737
Hydrogen	--	--	--	--	--	1,193	--	1,193	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	528	--	823	4,461	-178	111	4,416	195	911	4,737
Fuel Ethanol	--	254	--	--	3,763	-178	-230	3,891	178	0	2,760
Renewable Fuels Except Fuel Ethanol	--	274	--	823	697	--	341	525	17	911	1,977
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1,070	--	--	308	83	41	638	17,321
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	39	4,765	-734	1,903	1,953	214	0	30,306
Reformulated	--	0	--	--	2,088	-493	577	1,017	1	0	16,047
Conventional	--	--	--	39	2,677	-241	1,326	936	213	0	14,259
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	35	71,995	4,058	2,613	912	1,475	--	7,122	71,016	37,383
Finished Motor Gasoline	--	29	38,818	370	166	912	-150	--	1,664	38,781	2,847
Reformulated	--	--	26,756	--	--	168	-3	--	--	26,927	15
Conventional	--	29	12,062	370	166	744	-147	--	1,664	11,853	2,832
Finished Aviation Gasoline	--	--	72	3	--	--	-17	--	--	92	283
Kerosene-Type Jet Fuel	--	9	8,686	2,721	278	--	1,420	--	305	9,969	10,365
Kerosene	--	--	11	--	--	--	11	--	52	-52	24
Distillate Fuel Oil	--	-3	14,761	211	1,484	--	-176	--	1,485	15,144	14,401
15 ppm sulfur and under	--	-3	14,175	211	1,484	--	-169	--	1,353	14,683	13,412
Greater than 15 ppm to 500 ppm sulfur	--	--	273	--	--	--	59	--	130	84	273
Greater than 500 ppm sulfur	--	--	313	--	--	--	-66	--	2	377	716
Residual Fuel Oil	--	--	2,282	677	--	--	381	--	665	1,913	5,126
Less than 0.31 percent sulfur	--	--	23	--	--	--	174	--	NA	NA	1,026
0.31 to 1.00 percent sulfur	--	--	767	620	--	--	57	--	NA	NA	579
Greater than 1.00 percent sulfur	--	--	1,492	57	--	--	150	--	NA	NA	3,521
Petrochemical Feedstocks	--	--	--	--	--	--	0	--	--	0	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	0	--	--	0	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	32	--	--	--	-17	--	--	49	31
Lubricants	--	--	270	2	-96	--	-225	--	325	76	669
Waxes	--	--	--	14	--	--	--	--	4	10	--
Petroleum Coke	--	--	3,461	--	255	--	-13	--	2,608	1,120	1,203
Marketable	--	--	2,655	--	255	--	-13	--	2,608	314	1,203
Catalyst	--	--	806	--	--	--	--	--	--	806	--
Asphalt and Road Oil	--	--	625	60	527	--	263	--	14	935	2,349
Still Gas	--	--	2,659	--	--	--	--	--	--	2,659	--
Miscellaneous Products	--	--	318	--	--	--	-2	--	0	320	83
Total	28,036	558	71,761	34,907	17,559	3,636	5,711	66,783	9,521	74,442	141,080

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biojiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	26,074	--	--	27,102	4,029	2,443	2,092	56,480	1,077	0	47,258
Hydrocarbon Gas Liquids	1,962	-5	-234	1,815	1,691	--	-178	2,658	872	1,877	4,075
Natural Gas Liquids	1,962	-5	-391	1,815	1,691	--	-179	2,658	872	1,721	4,061
Ethane	1	--	--	--	--	--	--	--	0	1	--
Propane	249	--	852	1,250	414	--	-204	--	617	2,352	1,939
Normal Butane	458	--	-1,154	565	1,066	--	8	1,157	252	-482	1,694
Isobutane	284	--	-89	--	211	--	16	602	1	-213	388
Natural Gasoline	970	-5	--	--	--	--	1	899	3	62	40
Refinery Olefins	--	--	157	--	--	--	1	--	--	156	14
Ethylene	--	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	152	--	--	--	0	--	--	152	11
Normal Butylene	--	--	5	--	--	--	1	--	--	4	3
Isobutylene	--	--	--	--	--	--	0	--	--	0	0
Other Liquids	--	528	--	1,932	9,226	281	2,322	7,645	451	1,549	52,364
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	528	--	823	4,461	1,015	111	5,609	195	911	4,737
Hydrogen	--	--	--	--	--	1,193	--	1,193	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	528	--	823	4,461	-178	111	4,416	195	911	4,737
Fuel Ethanol	--	254	--	--	3,763	-178	-230	3,891	178	0	2,760
Renewable Fuels Except Fuel Ethanol	--	274	--	823	697	--	341	525	17	911	1,977
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	1,070	--	--	308	83	41	638	17,321
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	39	4,765	-734	1,903	1,953	214	0	30,306
Reformulated	--	0	--	--	2,088	-493	577	1,017	1	0	16,047
Conventional	--	--	--	39	2,677	-241	1,326	936	213	0	14,259
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	35	71,995	4,058	2,613	912	1,475	--	7,122	71,016	37,383
Finished Motor Gasoline	--	29	38,818	370	166	912	-150	--	1,664	38,781	2,847
Reformulated	--	--	26,756	--	--	168	-3	--	--	26,927	15
Conventional	--	29	12,062	370	166	744	-147	--	1,664	11,853	2,832
Finished Aviation Gasoline	--	--	72	3	--	--	-17	--	--	92	283
Kerosene-Type Jet Fuel	--	9	8,686	2,721	278	--	1,420	--	305	9,969	10,365
Kerosene	--	--	11	--	--	--	11	--	52	-52	24
Distillate Fuel Oil	--	-3	14,761	211	1,484	--	-176	--	1,485	15,144	14,401
15 ppm sulfur and under	--	-3	14,175	211	1,484	--	-169	--	1,353	14,683	13,412
Greater than 15 ppm to 500 ppm sulfur	--	--	273	--	--	--	59	--	130	84	273
Greater than 500 ppm sulfur	--	--	313	--	--	--	-66	--	2	377	716
Residual Fuel Oil	--	--	2,282	677	--	--	381	--	665	1,913	5,126
Less than 0.31 percent sulfur	--	--	23	--	--	--	174	--	NA	NA	1,026
0.31 to 1.00 percent sulfur	--	--	767	620	--	--	57	--	NA	NA	579
Greater than 1.00 percent sulfur	--	--	1,492	57	--	--	150	--	NA	NA	3,521
Petrochemical Feedstocks	--	--	--	--	--	--	0	--	--	0	2
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	0	--	--	0	2
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	32	--	--	--	-17	--	--	49	31
Lubricants	--	--	270	2	-96	--	-225	--	325	76	669
Waxes	--	--	--	14	--	--	--	--	4	10	--
Petroleum Coke	--	--	3,461	--	255	--	-13	--	2,608	1,120	1,203
Marketable	--	--	2,655	--	255	--	-13	--	2,608	314	1,203
Catalyst	--	--	806	--	--	--	--	--	--	806	--
Asphalt and Road Oil	--	--	625	60	527	--	263	--	14	935	2,349
Still Gas	--	--	2,659	--	--	--	--	--	--	2,659	--
Miscellaneous Products	--	--	318	--	--	--	-2	--	0	320	83
Total	28,036	558	71,761	34,907	17,559	3,636	5,711	66,783	9,521	74,442	141,080

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biogiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	841	--	--	874	130	79	67	1,822	35	0
Hydrocarbon Gas Liquids	63	0	-8	59	55	--	-6	86	28	61
Natural Gas Liquids	63	0	-13	59	55	--	-6	86	28	56
Ethane	0	--	--	--	--	--	--	--	0	0
Propane	8	--	27	40	13	--	-7	--	20	76
Normal Butane	15	--	-37	18	34	--	0	37	8	-16
Isobutane	9	--	-3	--	7	--	1	19	0	-7
Natural Gasoline	31	0	--	--	--	--	0	29	0	2
Refinery Olefins	--	--	5	--	--	--	0	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	17	--	62	298	9	75	247	15	50
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	27	144	33	4	181	6	29
Hydrogen	--	--	--	--	--	38	--	38	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	27	144	-6	4	142	6	29
Fuel Ethanol	--	8	--	--	121	-6	-7	126	6	0
Renewable Fuels Except Fuel Ethanol	--	9	--	27	22	--	11	17	1	29
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	35	--	--	10	3	1	21
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	1	154	-24	61	63	7	0
Reformulated	--	0	--	--	67	-16	19	33	0	0
Conventional	--	--	--	1	86	-8	43	30	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	1	2,322	131	84	29	48	--	230	2,291
Finished Motor Gasoline	--	1	1,252	12	5	29	-5	--	54	1,251
Reformulated	--	--	863	--	--	5	0	--	--	869
Conventional	--	1	389	12	5	24	-5	--	54	382
Finished Aviation Gasoline	--	--	2	0	--	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	0	280	88	9	--	46	--	10	322
Kerosene	--	--	0	--	--	--	0	--	2	-2
Distillate Fuel Oil	--	0	476	7	48	--	-6	--	48	489
15 ppm sulfur and under	--	0	457	7	48	--	-5	--	44	474
Greater than 15 ppm to 500 ppm sulfur	--	--	9	--	--	--	2	--	4	3
Greater than 500 ppm sulfur	--	--	10	--	--	--	-2	--	0	12
Residual Fuel Oil	--	--	74	22	--	--	12	--	21	62
Less than 0.31 percent sulfur	--	--	1	--	--	--	6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	25	20	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	48	2	--	--	5	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	0	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	0	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	-1	--	--	2
Lubricants	--	--	9	0	-3	--	-7	--	10	2
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	112	--	8	--	0	--	84	36
Marketable	--	--	86	--	8	--	0	--	84	10
Catalyst	--	--	26	--	--	--	--	--	--	26
Asphalt and Road Oil	--	--	20	2	17	--	8	--	0	30
Still Gas	--	--	86	--	--	--	--	--	--	86
Miscellaneous Products	--	--	10	--	--	--	0	--	0	10
Total	904	18	2,315	1,126	566	117	184	2,154	307	2,401

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-January 2021
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	841	--	--	874	130	79	67	1,822	35	0
Hydrocarbon Gas Liquids	63	0	-8	59	55	--	-6	86	28	61
Natural Gas Liquids	63	0	-13	59	55	--	-6	86	28	56
Ethane	0	--	--	--	--	--	--	--	0	0
Propane	8	--	27	40	13	--	-7	--	20	76
Normal Butane	15	--	-37	18	34	--	0	37	8	-16
Isobutane	9	--	-3	--	7	--	1	19	0	-7
Natural Gasoline	31	0	--	--	--	--	0	29	0	2
Refinery Olefins	--	--	5	--	--	--	0	--	--	5
Ethylene	--	--	--	--	--	--	--	--	--	--
Propylene	--	--	5	--	--	--	0	--	--	5
Normal Butylene	--	--	0	--	--	--	0	--	--	0
Isobutylene	--	--	--	--	--	--	0	--	--	0
Other Liquids	--	17	--	62	298	9	75	247	15	50
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	17	--	27	144	33	4	181	6	29
Hydrogen	--	--	--	--	--	38	--	38	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	--	17	--	27	144	-6	4	142	6	29
Fuel Ethanol	--	8	--	--	121	-6	-7	126	6	0
Renewable Fuels Except Fuel Ethanol	--	9	--	27	22	--	11	17	1	29
Other Hydrocarbons	--	--	--	--	--	--	--	--	--	--
Unfinished Oils	--	--	--	35	--	--	10	3	1	21
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	1	154	-24	61	63	7	0
Reformulated	--	0	--	--	67	-16	19	33	0	0
Conventional	--	--	--	1	86	-8	43	30	7	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	1	2,322	131	84	29	48	--	230	2,291
Finished Motor Gasoline	--	1	1,252	12	5	29	-5	--	54	1,251
Reformulated	--	--	863	--	--	5	0	--	--	869
Conventional	--	1	389	12	5	24	-5	--	54	382
Finished Aviation Gasoline	--	--	2	0	--	--	-1	--	--	3
Kerosene-Type Jet Fuel	--	0	280	88	9	--	46	--	10	322
Kerosene	--	--	0	--	--	--	0	--	2	-2
Distillate Fuel Oil	--	0	476	7	48	--	-6	--	48	489
15 ppm sulfur and under	--	0	457	7	48	--	-5	--	44	474
Greater than 15 ppm to 500 ppm sulfur	--	--	9	--	--	--	2	--	4	3
Greater than 500 ppm sulfur	--	--	10	--	--	--	-2	--	0	12
Residual Fuel Oil	--	--	74	22	--	--	12	--	21	62
Less than 0.31 percent sulfur	--	--	1	--	--	--	6	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	25	20	--	--	2	--	NA	NA
Greater than 1.00 percent sulfur	--	--	48	2	--	--	5	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	0	--	--	0
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	0	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	-1	--	--	2
Lubricants	--	--	9	0	-3	--	-7	--	10	2
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	112	--	8	--	0	--	84	36
Marketable	--	--	86	--	8	--	0	--	84	10
Catalyst	--	--	26	--	--	--	--	--	--	26
Asphalt and Road Oil	--	--	20	2	17	--	8	--	0	30
Still Gas	--	--	86	--	--	--	--	--	--	86
Miscellaneous Products	--	--	10	--	--	--	0	--	0	10
Total	904	18	2,315	1,126	566	117	184	2,154	307	2,401

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Net receipts equal gross receipts minus gross shipments by pipeline, tanker, and barge. Receipts and shipments by rail are included for crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on data from the Surface Transportation Board and other information.

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, January 2021
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	2,408	53,097	238,507	23,397	26,074	343,483	11,080
Alaskan	--	--	--	--	--	14,383	464
Lower 48 States	--	--	--	--	--	329,100	10,616
Imports (PAD District of Entry)	14,179	86,937	38,485	12,581	27,102	179,284	5,783
Commercial	14,179	86,937	38,485	12,581	27,102	179,284	5,783
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	2,986	-37,130	46,305	-16,191	4,029	--	--
Adjustments ¹	-2	1,529	14,168	-1,914	2,443	16,223	523
Disposition							
Stock Change ²	312	-10,781	-1,569	541	2,092	-9,405	-303
Commercial	--	--	-1,568	--	--	-9,404	-303
SPR	--	--	-1	--	--	-1	0
Refinery Inputs	18,510	112,467	245,489	17,332	56,480	450,278	14,525
Exports	749	2,747	93,545	--	1,077	98,117	3,165
Ending Stocks							
Total	10,178	136,378	895,355	24,769	47,258	1,113,938	--
Commercial	10,178	136,378	257,270	24,769	47,258	475,853	--
Refinery	5,934	12,953	46,344	2,308	18,500	86,039	--
Tank Farms and Pipelines	4,244	123,425	210,926	22,461	26,574	387,630	--
Cushing, Oklahoma	--	49,424	--	--	--	49,424	--
Lease	--	--	--	--	--	--	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	2,184	2,184	--
SPR	--	--	638,085	--	--	638,085	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	57.3	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	32.4	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	--	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	14,179	86,937	38,485	12,581	27,102	179,284	5,783
PAD District of Processing	15,031	80,859	46,767	9,105	27,522	179,284	5,783

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks. Stock change for crude oil excludes lease stocks beginning with January 2005 (see explanatory notes).

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," and EIA-817, "Monthly Tanker and Barge Movements Report." Domestic crude oil field production estimates based on Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," and data from State conservation agencies, U.S. Department of Interior, and the Bureau of Ocean Energy Management. Export data from the U.S. Census Bureau and EIA estimates. Rail net receipts estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 26. Production of Crude Oil by PAD District and State, January 2021
(Thousand Barrels)

PAD District and State	January 2021		January-January 2021	
	Total	Daily Average	Total	Daily Average
PAD District 1	2,408	78	2,408	78
Florida	142	5	142	5
New York	23	1	23	1
Pennsylvania	528	17	528	17
Virginia	0	0	0	0
West Virginia	1,714	55	1,714	55
PAD District 2	53,097	1,713	53,097	1,713
Illinois	603	19	603	19
Indiana	117	4	117	4
Kansas	2,266	73	2,266	73
Kentucky	140	5	140	5
Michigan	378	12	378	12
Missouri	5	0	5	0
Nebraska	144	5	144	5
North Dakota	34,394	1,109	34,394	1,109
Ohio	1,742	56	1,742	56
Oklahoma	13,202	426	13,202	426
South Dakota	93	3	93	3
Tennessee	13	0	13	0
PAD District 3	238,507	7,694	238,507	7,694
Alabama	337	11	337	11
Arkansas	353	11	353	11
Louisiana	3,019	97	3,019	97
Mississippi	1,141	37	1,141	37
New Mexico	33,783	1,090	33,783	1,090
Texas	144,559	4,663	144,559	4,663
Federal Offshore PAD District 3	55,315	1,784	55,315	1,784
PAD District 4	23,397	755	23,397	755
Colorado	11,578	373	11,578	373
Idaho	1	0	1	0
Montana	1,649	53	1,649	53
Utah	2,822	91	2,822	91
Wyoming	7,348	237	7,348	237
PAD District 5	26,074	841	26,074	841
Alaska	14,383	464	14,383	464
South Alaska	341	11	341	11
North Slope	14,042	453	14,042	453
Arizona	0	0	0	0
California	11,289	364	11,289	364
Nevada	16	1	16	1
Federal Offshore PAD District 5	386	12	386	12
U.S. Total	343,483	11,080	343,483	11,080

- = No Data Reported.

Note: Year-to-date totals include revised monthly production estimates by state published in Petroleum Navigator. Crude oil production quantities are estimated by state and summed to the PADD and the U.S. level. State production estimates reported by EIA are normally different from data reported by state agencies. For example, production estimates for Texas reported on table 26 are different from production reported by the Railroad Commission of Texas. See EIA "Today In Energy" article released on July 10, 2015 (<http://www.eia.gov/todayinenergy/detail.cfm?id=22012>) for an explanation of differences in production data for Texas.

Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration Form EIA-914, "Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report," state government agencies, U.S. Department of the Interior, and the Bureau of Ocean Energy Management.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	13	19,673	19,686	5,611	10,652	16,242	32,505
Natural Gas Liquids	13	19,673	19,686	5,611	10,652	16,242	32,505
Ethane	-	7,389	7,389	2,324	2,208	7,213	11,745
Propane	5	7,141	7,146	2,112	4,294	4,999	11,405
Normal Butane	8	2,261	2,269	498	1,840	1,476	3,814
Isobutane	-	902	902	368	603	1,029	2,000
Natural Gasoline	-	1,980	1,980	309	1,707	1,525	3,541

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	72,530	3,586	5,731	483	8,534	90,864	15,814	1,962	160,831
Natural Gas Liquids	72,530	3,586	5,731	483	8,534	90,864	15,814	1,962	160,831
Ethane	31,760	1,729	2,362	84	3,184	39,119	4,819	1	63,073
Propane	22,497	1,067	1,865	153	2,905	28,487	5,635	249	52,922
Normal Butane	7,219	-3,042	638	63	923	5,801	2,192	458	14,534
Isobutane	4,322	3,568	355	51	629	8,925	1,028	284	13,139
Natural Gasoline	6,732	264	511	132	893	8,532	2,140	970	17,163

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	5	996	1,001	541	140	518	1,199
Natural Gas Liquids	5	996	1,001	541	140	518	1,199
Ethane	-	62	62	32	2	153	187
Propane	2	278	280	276	53	144	473
Normal Butane	3	148	151	49	29	42	120
Isobutane	-	56	56	102	8	66	176
Natural Gasoline	-	452	452	82	48	113	243

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	152	231	617	5	1	1,006	191	291	3,688
Natural Gas Liquids	152	231	617	5	1	1,006	191	291	3,688
Ethane	12	13	-	-	-	25	4	-	278
Propane	39	42	14	2	-	97	87	151	1,088
Normal Butane	34	25	52	1	-	112	40	73	496
Isobutane	22	11	46	-	-	79	15	29	355
Natural Gasoline	45	140	505	2	1	693	45	38	1,471

- = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	15,666	2,844	18,510	72,213	14,878	25,376	112,467
Hydrocarbon Gas Liquids	1,400	-	1,400	1,935	95	934	2,964
Natural Gas Liquids	1,400	-	1,400	1,935	95	934	2,964
Normal Butane	897	-	897	834	55	267	1,156
Isobutane	153	-	153	904	40	427	1,371
Natural Gasoline	350	-	350	197	-	240	437
Other Liquids	70,739	4,644	75,383	2,707	1,649	695	5,051
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	8,513	649	9,162	5,098	1,289	1,574	7,961
Hydrogen	94	9	103	697	313	191	1,201
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--
All Other Oxygenates ¹	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	8,419	640	9,059	4,385	976	1,383	6,744
Fuel Ethanol	8,112	581	8,693	4,188	937	1,323	6,448
Renewable Diesel Fuel ²	307	59	366	197	39	60	296
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	16	-	-	16
Unfinished Oils (net)	1,672	-206	1,466	-701	49	698	46
Naphthas and Lighter	-18	-80	-98	-40	21	305	286
Kerosene and Light Gas Oils	295	-	295	-143	6	176	39
Heavy Gas Oils	1,067	-124	943	-574	22	130	-422
Residuum	328	-2	326	56	-	87	143
Motor Gasoline Blend.Comp. (MGBC)(net)	60,554	4,201	64,755	-1,690	311	-1,577	-2,956
Reformulated - RBOB	16,725	-	16,725	-938	1,121	725	908
Conventional	43,829	4,201	48,030	-752	-810	-2,302	-3,864
CBOB	38,220	4,192	42,412	143	-791	-2,273	-2,921
GTAB	1,492	-	1,492	-	-	-	-
Other	4,117	9	4,126	-895	-19	-29	-943
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	87,805	7,488	95,293	76,855	16,622	27,005	120,482

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,106	130,969	84,348	6,860	3,206	245,489	17,332	56,480	450,278
Hydrocarbon Gas Liquids	715	6,157	3,522	98	141	10,633	563	2,658	18,218
Natural Gas Liquids	715	6,157	3,522	98	141	10,633	563	2,658	18,218
Normal Butane	458	2,378	2,084	73	—	4,993	293	1,157	8,496
Isobutane	205	1,649	1,279	20	141	3,294	153	602	5,573
Natural Gasoline	52	2,130	159	5	—	2,346	117	899	4,149
Other Liquids	6,626	-44,353	-23,378	6,175	-578	-55,508	218	7,645	32,789
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	1,916	2,900	1,911	1,004	177	7,908	1,089	5,609	31,729
Hydrogen	12	2,072	1,358	50	36	3,528	216	1,193	6,241
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,904	828	553	954	141	4,380	873	4,416	25,472
Fuel Ethanol	1,809	751	442	898	120	4,020	790	3,891	23,842
Renewable Diesel Fuel ²	95	77	41	56	21	290	26	525	1,503
Other Renewable Fuels	—	—	70	—	—	70	57	—	127
Other Hydrocarbons	—	—	—	—	—	—	—	—	16
Unfinished Oils (net)	-323	-7,482	3,798	-155	-78	-4,240	75	83	-2,570
Naphthas and Lighter	-56	-6,520	-37	4	23	-6,586	-83	-454	-6,935
Kerosene and Light Gas Oils	-42	-1,770	-144	-83	-22	-2,061	-217	-804	-2,748
Heavy Gas Oils	0	-1,953	2,229	-10	-79	187	363	1,017	2,088
Residuum	-225	2,761	1,750	-66	—	4,220	12	324	5,025
Motor Gasoline Blend.Comp. (MGBC)(net)	5,017	-39,771	-29,089	5,326	-677	-59,194	-946	1,953	3,612
Reformulated - RBOB	4,642	-7,393	-1,738	10	-821	-5,300	—	1,017	13,350
Conventional	375	-32,378	-27,351	5,316	144	-53,894	-946	936	-9,738
CBOB	715	-32,324	-27,243	5,363	152	-53,337	-614	1,236	-13,224
GTAB	—	—	—	—	—	—	—	—	1,492
Other	-340	-54	-108	-47	-8	-557	-332	-300	1,994
Aviation Gasoline Blend. Comp. (net)	16	—	2	—	—	18	—	—	18
Total Input	27,447	92,773	64,492	13,133	2,769	200,614	18,113	66,783	501,285

-- = Not Applicable.

- = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	204	-4	200	1,004	-146	151	1,009
Natural Gas Liquids	-289	-4	-293	24	-349	-86	-411
Ethane	-	-	-	-	-	-	-
Propane	365	25	390	1,423	289	465	2,177
Normal Butane	-512	-23	-535	-1,356	-621	-537	-2,514
Isobutane	-142	-6	-148	-43	-17	-14	-74
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	493	-	493	980	203	237	1,420
Ethylene	22	-	22	-	-	-	-
Propylene	438	-	438	986	203	237	1,426
Normal Butylene	-4	-	-4	-6	-	-	-6
Isobutylene	37	-	37	-	-	-	-
Finished Motor Gasoline	79,010	5,789	84,799	43,042	9,214	14,386	66,642
Reformulated	31,862	12	31,874	6,914	1,313	806	9,033
Reformulated Blended with Fuel Ethanol	31,862	12	31,874	6,914	1,313	806	9,033
Reformulated Other	-	-	-	-	-	-	-
Conventional	47,148	5,777	52,925	36,128	7,901	13,580	57,609
Conventional Blended with Fuel Ethanol	48,472	5,806	54,278	34,439	7,866	12,053	54,358
Ed55 and Lower	48,430	5,806	54,236	34,431	7,847	11,995	54,273
Greater than Ed55	42	-	42	8	19	58	85
Conventional Other	-1,324	-29	-1,353	1,689	35	1,527	3,251
Finished Aviation Gasoline	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel	1,314	-4	1,310	5,411	623	605	6,639
Kerosene	54	-1	53	204	-	76	280
Distillate Fuel Oil	5,506	816	6,322	19,456	5,130	10,386	34,972
15 ppm sulfur and under	5,444	759	6,203	19,550	5,164	10,482	35,196
Greater than 15 ppm to 500 ppm sulfur	9	18	27	-	-	37	37
Greater than 500 ppm sulfur	53	39	92	-94	-34	-133	-261
Residual Fuel Oil	985	1	986	653	163	132	948
Less than 0.31 percent sulfur	-39	1	-38	53	-	-	53
0.31 to 1.00 percent sulfur	806	-	806	220	80	33	333
Greater than 1.00 percent sulfur	218	-	218	380	83	99	562
Petrochemical Feedstocks	-	-	-	817	-	33	850
Naphtha for Petro. Feed. Use	-	-	-	525	-	-	525
Other Oils for Petro. Feed. Use	-	-	-	292	-	33	325
Special Naphthas	-	7	7	14	-	22	36
Lubricants	161	185	346	-	-	281	281
Waxes	-	-20	-20	-	-	43	43
Petroleum Coke	599	15	614	3,646	977	887	5,510
Marketable	228	-	228	2,658	809	645	4,112
Catalyst	371	15	386	988	168	242	1,398
Asphalt and Road Oil	308	622	930	4,059	1,241	323	5,623
Still Gas	747	33	780	2,277	609	1,041	3,927
Miscellaneous Products	48	25	73	314	121	51	486
Total	88,936	7,464	96,400	80,897	17,962	28,417	127,276
Processing Gain(-) or Loss(+) ¹	-1,131	24	-1,107	-4,042	-1,340	-1,412	-6,794

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						Total	PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico					
Hydrocarbon Gas Liquids	433	5,201	4,789	-10	-5	10,408	2	-234	11,385	
Natural Gas Liquids	15	1,994	1,630	-22	-5	3,612	-59	-391	2,458	
Ethane	5	102	24	-	-	131	-	-	131	
Propane	272	2,308	1,767	33	39	4,419	195	852	8,033	
Normal Butane	-205	54	-261	-55	-44	-511	-243	-1,154	-4,957	
Isobutane	-57	-470	100	-	-	-427	-11	-89	-749	
Natural Gasoline	-	-	-	-	-	-	-	-	-	
Refinery Olefins	418	3,207	3,159	12	-	6,796	61	157	8,927	
Ethylene	-	2	-	-	-	2	-	-	24	
Propylene	409	3,668	3,050	12	-	7,139	24	152	9,179	
Normal Butylene	9	-434	109	-	-	-316	37	5	-284	
Isobutylene	-	-29	-	-	-	-29	-	-	8	
Finished Motor Gasoline	18,137	23,107	14,348	8,271	1,275	65,138	8,716	38,818	264,113	
Reformulated	6,248	5,553	-	-	-	11,801	-	26,756	79,464	
Reformulated Blended with Fuel Ethanol	6,248	5,553	-	-	-	11,801	-	26,756	79,464	
Reformulated Other	-	-	-	-	-	-	-	-	-	
Conventional	11,889	17,554	14,348	8,271	1,275	53,337	8,716	12,062	184,649	
Conventional Blended with Fuel Ethanol	11,715	1,850	4,451	8,922	1,322	28,260	7,987	12,061	156,944	
Ed55 and Lower	11,699	1,850	4,451	8,912	1,322	28,234	7,976	12,059	156,778	
Greater than Ed55	16	-	-	10	-	26	11	2	166	
Conventional Other	174	15,704	9,897	-651	-47	25,077	729	1	27,705	
Finished Aviation Gasoline	91	18	59	-	-	168	6	72	276	
Kerosene-Type Jet Fuel	1,235	11,888	7,243	180	-2	20,544	838	8,686	38,017	
Kerosene	-2	-4	-10	41	-	25	-	11	369	
Distillate Fuel Oil	6,307	38,202	30,947	2,281	1,253	78,990	6,115	14,761	141,160	
15 ppm sulfur and under	6,327	36,645	26,709	2,260	1,253	73,194	6,082	14,175	134,850	
Greater than 15 ppm to 500 ppm sulfur	-20	315	2,789	114	-	3,198	30	273	3,565	
Greater than 500 ppm sulfur	-	1,242	1,449	-93	-	2,598	3	313	2,745	
Residual Fuel Oil	298	70	289	-4	25	678	353	2,282	5,247	
Less than 0.31 percent sulfur	216	-	1	-	-	217	212	23	467	
0.31 to 1.00 percent sulfur	-3	264	128	-4	-	385	9	767	2,300	
Greater than 1.00 percent sulfur	85	-194	160	-	25	76	132	1,492	2,480	
Petrochemical Feedstocks	140	4,779	2,424	-	-	7,343	-	-	8,193	
Naphtha for Petro. Feed. Use	133	3,098	1,478	-	-	4,709	-	-	5,234	
Other Oils for Petro. Feed. Use	7	1,681	946	-	-	2,634	-	-	2,959	
Special Naphthas	55	725	-	208	-	988	-	32	1,063	
Lubricants	23	1,612	1,752	870	-	4,257	-	270	5,154	
Waxes	-	39	19	25	-	83	-	-	106	
Petroleum Coke	350	6,919	4,664	137	23	12,093	672	3,461	22,350	
Marketable	153	5,322	3,602	122	-	9,199	463	2,655	16,657	
Catalyst	197	1,597	1,062	15	23	2,894	209	806	5,693	
Asphalt and Road Oil	251	299	526	940	89	2,105	1,305	625	10,588	
Still Gas	653	6,186	3,231	256	69	10,395	612	2,659	18,373	
Miscellaneous Products	180	878	413	17	49	1,537	109	318	2,523	
Total	28,151	99,919	70,694	13,212	2,776	214,752	18,728	71,761	528,917	
Processing Gain(-) or Loss(+) ¹	-704	-7,146	-6,202	-79	-7	-14,138	-615	-4,978	-27,632	

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal Report."

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	15,666	2,844	18,510	72,213	14,878	25,376	112,467
Hydrocarbon Gas Liquids	352	-	352	1,844	40	684	2,568
Natural Gas Liquids	352	-	352	1,844	40	684	2,568
Normal Butane	199	-	199	743	-	65	808
Isobutane	153	-	153	904	40	427	1,371
Natural Gasoline	-	-	-	197	-	192	389
Other Liquids	-7,025	-18	-7,043	-35,984	-5,685	-10,499	-52,168
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	144	147	291	944	452	350	1,746
Hydrogen	94	9	103	697	313	191	1,201
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	50	138	188	231	139	159	529
Fuel Ethanol	50	116	166	147	127	139	413
Renewable Diesel Fuel ²	-	22	22	84	12	20	116
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	16	-	-	16
Unfinished Oils (net)	1,672	-206	1,466	-702	49	698	45
Naphthas and Lighter	-18	-80	-98	-40	21	305	286
Kerosene and Light Gas Oils	295	-	295	-143	6	176	39
Heavy Gas Oils	1,067	-124	943	-575	22	130	-423
Residuum	328	-2	326	56	-	87	143
Motor Gasoline Blend.Comp. (MGBC)(net)	-8,841	41	-8,800	-36,226	-6,186	-11,547	-53,959
Reformulated - RBOB	-5,631	-	-5,631	-6,687	-40	-	-6,727
Conventional	-3,210	41	-3,169	-29,539	-6,146	-11,547	-47,232
CBOB	-3,063	32	-3,031	-28,644	-6,127	-11,518	-46,289
GTAB	-	-	-	-	-	-	-
Other	-147	9	-138	-895	-19	-29	-943
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	8,993	2,826	11,819	38,073	9,233	15,561	62,867
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	531	92	623	2,322	489	819	3,631
Operable Capacity (daily average)	720	98	818	2,716	547	926	4,188
Operable Utilization Rate (percent) ³	73.8	93.7	76.2	85.5	89.5	88.5	86.7
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	75	15	90	383	68	155	606
Catalytic Cracking	193	13	206	674	139	195	1,008
Catalytic Hydrocracking	33	-	33	174	61	56	291
Delayed and Fluid Coking	36	-	36	281	76	80	438
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.95	1.52	1.03	1.57	2.00	0.63	1.42
API Gravity, Weighted Average (degrees)	35.90	32.24	35.36	33.69	23.98	38.86	33.47
Operable Capacity (daily average)	720	98	818	2,716	547	926	4,188
Operating	720	98	818	2,716	509	926	4,150
Idle	-	-	-	-	38	-	38
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	20,106	130,969	84,348	6,860	3,206	245,489	17,332	56,480	450,278
Hydrocarbon Gas Liquids	696	4,542	3,243	62	141	8,684	480	2,630	14,714
Natural Gas Liquids	696	4,542	3,243	62	141	8,684	480	2,630	14,714
Normal Butane	451	1,869	1,805	37	—	4,162	221	1,129	6,519
Isobutane	205	1,649	1,279	20	141	3,294	151	602	5,571
Natural Gasoline	40	1,024	159	5	—	1,228	108	899	2,624
Other Liquids	-9,097	-51,278	-25,886	-1,590	-1,815	-89,666	-3,931	-28,811	-181,619
Hydrogen/Oxygenates/Renewables/									
Other Hydrocarbons	283	2,151	1,631	103	49	4,217	540	1,488	8,282
Hydrogen	12	2,072	1,358	50	36	3,528	216	1,193	6,241
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	271	79	273	53	13	689	324	295	2,025
Fuel Ethanol	197	48	162	46	5	458	254	91	1,382
Renewable Diesel Fuel ²	74	31	41	7	8	161	13	204	516
Other Renewable Fuels	—	—	70	—	—	70	57	—	127
Other Hydrocarbons	—	—	—	—	—	—	—	—	16
Unfinished Oils (net)	-323	-7,082	3,827	-155	-78	-3,811	75	83	-2,142
Naphthas and Lighter	-56	-6,520	-37	4	23	-6,586	-83	-454	-6,935
Kerosene and Light Gas Oils	-42	-1,370	-114	-83	-22	-1,631	-217	-804	-2,318
Heavy Gas Oils	0	-1,953	2,228	-10	-79	186	363	1,017	2,086
Residuum	-225	2,761	1,750	-66	—	4,220	12	324	5,025
Motor Gasoline Blend Comp. (MGBC)(net)	-9,073	-46,347	-31,346	-1,538	-1,786	-90,090	-4,546	-30,382	-187,777
Reformulated - RBOB	-994	-12,915	-1,738	—	-821	-16,468	—	-22,396	-51,222
Conventional	-8,079	-33,432	-29,608	-1,538	-965	-73,622	-4,546	-7,986	-136,555
CBOB	-7,739	-27,677	-27,978	-1,491	-954	-65,839	-4,213	-7,499	-126,871
GTAB	—	—	—	—	—	—	—	—	—
Other	-340	-5,755	-1,630	-47	-11	-7,783	-333	-487	-9,684
Aviation Gasoline Blend. Comp. (net)	16	—	2	—	—	18	—	—	18
Total Input to Refineries	11,705	84,233	61,705	5,332	1,532	164,507	13,881	30,299	283,373
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	648	4,365	2,858	198	103	8,173	560	1,989	14,975
Operable Capacity (daily average)	746	5,122	3,531	258	110	9,767	657	2,714	18,143
Operable Utilization Rate (percent) ³	86.9	85.2	81.0	76.6	94.0	83.7	85.3	73.3	82.5
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	144	614	495	30	21	1,303	90	317	2,405
Catalytic Cracking	154	1,079	741	17	25	2,015	139	495	3,863
Catalytic Hydrocracking	45	520	412	14	13	1,005	28	389	1,745
Delayed and Fluid Coking	22	640	436	26	—	1,124	57	363	2,018
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.60	1.34	1.13	1.37	0.83	1.19	1.51	1.12	1.24
API Gravity, Weighted Average (degrees)	40.07	35.70	31.72	31.34	39.46	34.66	32.05	29.58	33.62
Operable Capacity (daily average)	746	5,122	3,531	258	110	9,767	657	2,714	18,143
Operating	746	5,042	3,315	247	110	9,460	647	2,660	17,735
Idle	—	80	216	11	—	307	10	54	408
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	12,476	12,476

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

³ Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	204	-4	200	1,004	-146	151	1,009
Natural Gas Liquids	-289	-4	-293	24	-349	-86	-411
Ethane	-	-	-	-	-	-	-
Propane	365	25	390	1,423	289	465	2,177
Normal Butane	-512	-23	-535	-1,356	-621	-537	-2,514
Isobutane	-142	-6	-148	-43	-17	-14	-74
Natural Gasoline	-	-	-	-	-	-	-
Refinery Olefins	493	-	493	980	203	237	1,420
Ethylene	22	-	22	-	-	-	-
Propylene	438	-	438	986	203	237	1,426
Normal Butylene	-4	-	-4	-6	-	-	-6
Isobutylene	37	-	37	-	-	-	-
Finished Motor Gasoline	497	1,160	1,657	4,340	1,853	2,981	9,174
Reformulated	497	-	497	-	-	-	-
Reformulated Blended with Fuel Ethanol	497	-	497	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	-	1,160	1,160	4,340	1,853	2,981	9,174
Conventional Blended with Fuel Ethanol	-	1,160	1,160	1,498	1,255	1,405	4,158
Ed55 and Lower	-	1,160	1,160	1,498	1,255	1,405	4,158
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	-	-	-	2,842	598	1,576	5,016
Finished Aviation Gasoline	-	-	-	-	30	-	30
Kerosene-Type Jet Fuel	1,314	-	1,314	5,433	623	604	6,660
Kerosene	66	2	68	206	-	76	282
Distillate Fuel Oil	5,154	776	5,930	19,354	5,103	10,346	34,803
15 ppm sulfur and under	5,097	719	5,816	19,448	5,137	10,442	35,027
Greater than 15 ppm to 500 ppm sulfur	-18	18	0	-	-	-73	-73
Greater than 500 ppm sulfur	75	39	114	-94	-34	-23	-151
Residual Fuel Oil	1,021	1	1,022	653	163	132	948
Less than 0.31 percent sulfur	-	1	1	53	-	-	53
0.31 to 1.00 percent sulfur	807	-	807	220	80	33	333
Greater than 1.00 percent sulfur	214	-	214	380	83	99	562
Petrochemical Feedstocks	-	-	-	817	-	33	850
Naphtha for Petro. Feed. Use	-	-	-	525	-	-	525
Other Oils for Petro. Feed. Use	-	-	-	292	-	33	325
Special Naphthas	-	7	7	14	-	22	36
Lubricants	161	185	346	-	-	281	281
Waxes	-	-20	-20	-	-	43	43
Petroleum Coke	599	15	614	3,646	977	887	5,510
Marketable	228	-	228	2,658	809	645	4,112
Catalyst	371	15	386	988	168	242	1,398
Asphalt and Road Oil	308	622	930	4,058	1,241	323	5,622
Still Gas	747	33	780	2,277	609	1,041	3,927
Miscellaneous Products	48	25	73	314	121	51	486
Total	10,119	2,802	12,921	42,116	10,574	16,971	69,661
Processing Gain(-) or Loss(+) ¹	-1,126	24	-1,102	-4,043	-1,341	-1,410	-6,794

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						Total	PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico					
Hydrocarbon Gas Liquids	433	5,201	4,789	-10	-5	10,408	2	-234	11,385	
Natural Gas Liquids	15	1,994	1,630	-22	-5	3,612	-59	-391	2,458	
Ethane	5	102	24	-	-	131	-	-	131	
Propane	272	2,308	1,767	33	39	4,419	195	852	8,033	
Normal Butane	-205	54	-261	-55	-44	-511	-243	-1,154	-4,957	
Isobutane	-57	-470	100	-	-	-427	-11	-89	-749	
Natural Gasoline	-	-	-	-	-	-	-	-	-	
Refinery Olefins	418	3,207	3,159	12	-	6,796	61	157	8,927	
Ethylene	-	2	-	-	-	2	-	-	24	
Propylene	409	3,668	3,050	12	-	7,139	24	152	9,179	
Normal Butylene	9	-434	109	-	-	-316	37	5	-284	
Isobutylene	-	-29	-	-	-	-29	-	-	8	
Finished Motor Gasoline	2,417	14,212	11,532	518	49	28,728	4,499	2,652	46,710	
Reformulated	-	-	-	-	-	-	-	540	1,037	
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	540	1,037	
Reformulated Other	-	-	-	-	-	-	-	-	-	
Conventional	2,417	14,212	11,532	518	49	28,728	4,499	2,112	45,673	
Conventional Blended with Fuel Ethanol	2,072	419	1,641	473	49	4,654	2,601	382	12,955	
Ed55 and Lower	2,071	419	1,641	473	49	4,653	2,601	382	12,954	
Greater than Ed55	1	-	-	-	-	1	-	-	1	
Conventional Other	345	13,793	9,891	45	-	24,074	1,898	1,730	32,718	
Finished Aviation Gasoline	91	18	59	-	-	168	6	72	276	
Kerosene-Type Jet Fuel	1,235	11,888	7,238	180	-	20,541	794	8,707	38,016	
Kerosene	-2	-4	-11	41	-	24	-	1	375	
Distillate Fuel Oil	6,286	38,052	30,983	2,233	1,240	78,794	6,145	14,431	140,103	
15 ppm sulfur and under	6,306	36,600	26,715	2,212	1,240	73,073	6,112	13,867	133,895	
Greater than 15 ppm to 500 ppm sulfur	-20	315	2,789	114	-	3,198	30	273	3,428	
Greater than 500 ppm sulfur	-	1,137	1,479	-93	-	2,523	3	291	2,780	
Residual Fuel Oil	298	575	288	-4	25	1,182	353	2,282	5,787	
Less than 0.31 percent sulfur	216	-	-	-	-	216	212	20	502	
0.31 to 1.00 percent sulfur	-3	264	128	-4	-	385	9	768	2,302	
Greater than 1.00 percent sulfur	85	311	160	-	25	581	132	1,494	2,983	
Petrochemical Feedstocks	140	4,779	2,424	-	-	7,343	-	-	8,193	
Naphtha for Petro. Feed. Use	133	3,098	1,478	-	-	4,709	-	-	5,234	
Other Oils for Petro. Feed. Use	7	1,681	946	-	-	2,634	-	-	2,959	
Special Naphthas	55	725	-	208	-	988	-	32	1,063	
Lubricants	23	1,612	1,752	870	-	4,257	-	270	5,154	
Waxes	-	39	19	25	-	83	-	-	106	
Petroleum Coke	350	6,919	4,664	137	23	12,093	672	3,461	22,350	
Marketable	153	5,322	3,602	122	-	9,199	463	2,655	16,657	
Catalyst	197	1,597	1,062	15	23	2,894	209	806	5,693	
Asphalt and Road Oil	251	299	526	940	89	2,105	1,305	625	10,587	
Still Gas	653	6,186	3,231	256	69	10,395	612	2,659	18,373	
Miscellaneous Products	180	878	413	17	49	1,537	109	318	2,523	
Total	12,410	91,379	67,907	5,411	1,539	178,646	14,497	35,276	311,001	
Processing Gain(-) or Loss(+) ¹	-705	-7,146	-6,202	-79	-7	-14,139	-616	-4,977	-27,628	

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 32. Blender Net Inputs of Petroleum Products by PAD District, January 2021
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1,048	-	1,048	91	55	250	396
Natural Gas Liquids	1,048	-	1,048	91	55	250	396
Normal Butane	698	-	698	91	55	202	348
Isobutane	-	-	-	-	-	-	-
Natural Gasoline	350	-	350	-	-	48	48
Other Liquids	77,764	4,662	82,426	38,691	7,334	11,194	57,219
Oxygenates/Renewables	8,369	502	8,871	4,154	837	1,224	6,215
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	8,369	502	8,871	4,154	837	1,224	6,215
Fuel Ethanol	8,062	465	8,527	4,041	810	1,184	6,035
Renewable Diesel Fuel ²	307	37	344	113	27	40	180
Other Renewable Fuels	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-	-	1	-	-	1
Naphthas and Lighter	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-	-	-	-	-	-
Heavy Gas Oils	-	-	-	1	-	-	1
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	69,395	4,160	73,555	34,536	6,497	9,970	51,003
Reformulated - RBOB	22,356	-	22,356	5,749	1,161	725	7,635
Conventional	47,039	4,160	51,199	28,787	5,336	9,245	43,368
CBOB	41,283	4,160	45,443	28,787	5,336	9,245	43,368
GTAB	1,492	-	1,492	-	-	-	-
Other	4,264	-	4,264	-	-	-	-
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input	78,812	4,662	83,474	38,782	7,389	11,444	57,615

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	19	1,615	279	36	-	1,949	83	28	3,504
Natural Gas Liquids	19	1,615	279	36	-	1,949	83	28	3,504
Normal Butane	7	509	279	36	-	831	72	28	1,977
Isobutane	-	-	-	-	-	-	2	-	2
Natural Gasoline	12	1,106	-	-	-	1,118	9	-	1,525
Other Liquids	15,723	6,925	2,508	7,765	1,237	34,158	4,149	36,456	214,408
Oxygenates/Renewables	1,633	749	280	901	128	3,691	549	4,121	23,447
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	1,633	749	280	901	128	3,691	549	4,121	23,447
Fuel Ethanol	1,612	703	280	852	115	3,562	536	3,800	22,460
Renewable Diesel Fuel ²	21	46	-	49	13	129	13	321	987
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Unfinished Oils (net)	-	-400	-29	-	-	-429	-	-	-428
Naphthas and Lighter	-	-	-	-	-	-	-	-	-
Kerosene and Light Gas Oils	-	-400	-30	-	-	-430	-	-	-430
Heavy Gas Oils	-	-	1	-	-	1	-	-	2
Residuum	-	-	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)(net)	14,090	6,576	2,257	6,864	1,109	30,896	3,600	32,335	191,389
Reformulated - RBOB	5,636	5,522	-	10	-	11,168	-	23,413	64,572
Conventional	8,454	1,054	2,257	6,854	1,109	19,728	3,600	8,922	126,817
CBOB	8,454	-4,647	735	6,854	1,106	12,502	3,599	8,735	113,647
GTAB	-	-	-	-	-	-	-	-	1,492
Other	-	5,701	1,522	-	3	7,226	1	187	11,678
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-	-	-
Total Input	15,742	8,540	2,787	7,801	1,237	36,107	4,232	36,484	217,912

-- = Not Applicable.

- = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 33. Blender Net Production of Petroleum Products by PAD District, January 2021
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	78,513	4,629	83,142	38,702	7,361	11,405	57,468
Reformulated	31,365	12	31,377	6,914	1,313	806	9,033
Reformulated Blended with Fuel Ethanol	31,365	12	31,377	6,914	1,313	806	9,033
Reformulated Other	-	-	-	-	-	-	-
Conventional	47,148	4,617	51,765	31,788	6,048	10,599	48,435
Conventional Blended with Fuel Ethanol	48,472	4,646	53,118	32,941	6,611	10,648	50,200
Ed55 and Lower	48,430	4,646	53,076	32,933	6,592	10,590	50,115
Greater than Ed55	42	-	42	8	19	58	85
Conventional Other	-1,324	-29	-1,353	-1,153	-563	-49	-1,765
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-4	-4	-22	-	1	-21
Kerosene	-12	-3	-15	-2	-	-	-2
Distillate Fuel Oil	352	40	392	102	27	40	169
15 ppm sulfur and under	347	40	387	102	27	40	169
Greater than 15 ppm to 500 ppm sulfur	27	-	27	-	-	110	110
Greater than 500 ppm sulfur	-22	-	-22	-	-	-110	-110
Residual Fuel Oil	-36	-	-36	-	-	-	-
Less than 0.31 percent sulfur	-39	-	-39	-	-	-	-
0.31 to 1.00 percent sulfur	-1	-	-1	-	-	-	-
Greater than 1.00 percent sulfur	4	-	4	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	1	-	-	1
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	78,817	4,662	83,479	38,781	7,388	11,446	57,615
Processing Gain(-) or Loss(+) ¹	-5	0	-5	1	1	-2	0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	15,720	8,895	2,816	7,753	1,226	36,410	4,217	36,166	217,403
Reformulated	6,248	5,553	-	-	-	11,801	-	26,216	78,427
Reformulated Blended with Fuel Ethanol	6,248	5,553	-	-	-	11,801	-	26,216	78,427
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	9,472	3,342	2,816	7,753	1,226	24,609	4,217	9,950	138,976
Conventional Blended with Fuel Ethanol	9,643	1,431	2,810	8,449	1,273	23,606	5,386	11,679	143,989
Ed55 and Lower	9,628	1,431	2,810	8,439	1,273	23,581	5,375	11,677	143,824
Greater than Ed55	15	-	-	10	-	25	11	2	165
Conventional Other	-171	1,911	6	-696	-47	1,003	-1,169	-1,729	-5,013
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	-	5	-	-2	3	44	-21	1
Kerosene	-	-	1	-	-	1	-	10	-6
Distillate Fuel Oil	21	150	-36	48	13	196	-30	330	1,057
15 ppm sulfur and under	21	45	-6	48	13	121	-30	308	955
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-	137
Greater than 500 ppm sulfur	-	105	-30	-	-	75	-	22	-35
Residual Fuel Oil	-	-505	1	-	-	-504	-	0	-540
Less than 0.31 percent sulfur	-	-	1	-	-	1	-	3	-35
0.31 to 1.00 percent sulfur	-	-	-	-	-	-	-	-1	-2
Greater than 1.00 percent sulfur	-	-505	-	-	-	-505	-	-2	-503
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-	-	1
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	15,741	8,540	2,787	7,801	1,237	36,106	4,231	36,485	217,916
Processing Gain(-) or Loss(+) ¹	1	0	0	0	0	1	1	-1	-4

- = No Data Reported.

¹ Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal Report."

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	5,329	605	5,934	9,111	1,729	2,113	12,953
Petroleum Products	9,389	2,052	11,441	28,184	6,917	9,820	44,921
Hydrocarbon Gas Liquids	531	42	573	2,014	457	777	3,248
Natural Gas Liquids	300	42	342	1,776	429	767	2,972
Ethane	—	—	—	—	—	—	—
Propane	65	8	73	459	38	254	751
Normal Butane	148	20	168	910	349	120	1,379
Isobutane	87	14	101	282	42	155	479
Natural Gasoline	—	—	—	125	—	238	363
Refinery Olefins	231	0	231	238	28	10	276
Ethylene	—	—	—	—	—	—	—
Propylene	113	0	113	223	28	10	261
Normal Butylene	93	0	93	15	0	0	15
Isobutylene	25	0	25	0	0	0	0
Oxygenates/Renewable Fuels/Other Hydrocarbons	125	125	250	72	60	27	159
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	125	125	250	53	60	27	140
Fuel Ethanol	125	119	244	31	44	25	100
Renewable Diesel Fuel ²	—	6	6	22	16	2	40
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	19	—	—	19
Unfinished Oils	3,075	492	3,567	7,482	684	2,911	11,077
Naphthas and Lighter	504	296	800	2,120	163	842	3,125
Kerosene and Light Gas Oils	296	—	296	1,373	305	276	1,954
Heavy Gas Oils	1,536	194	1,730	2,978	203	1,119	4,300
Residuum	739	2	741	1,011	13	674	1,698
Motor Gasoline Blending Components (MGBC)	2,889	191	3,080	8,144	1,624	3,393	13,161
Reformulated - RBOB	1,311	—	1,311	1,042	—	—	1,042
Conventional	1,578	191	1,769	7,102	1,624	3,393	12,119
CBOB	1	165	166	2,992	991	2,457	6,440
GTAB	—	—	—	—	—	—	—
Other	1,577	26	1,603	4,110	633	936	5,679
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	—	31	31	684	277	394	1,355
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	—	31	31	684	277	394	1,355
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	—	31	31	684	277	394	1,355
Finished Aviation Gasoline	—	—	—	—	112	—	112
Kerosene-Type Jet Fuel	274	—	274	1,585	272	220	2,077
Kerosene	115	3	118	116	—	11	127
Distillate Fuel Oil	1,617	232	1,849	3,616	960	1,358	5,934
15 ppm sulfur and under	1,287	159	1,446	3,515	938	1,293	5,746
Greater than 15 ppm to 500 ppm sulfur	42	48	90	—	1	28	29
Greater than 500 ppm sulfur	288	25	313	101	21	37	159
Residual Fuel Oil	260	21	281	540	205	80	825
Less than 0.31 percent sulfur	—	20	20	41	—	—	41
0.31 to 1.00 percent sulfur	80	1	81	159	48	30	237
Greater than 1.00 percent sulfur	180	—	180	340	157	50	547
Petrochemical Feedstocks	—	—	—	568	—	—	568
Naphtha for Petro. Feed. Use	—	—	—	481	—	—	481
Other Oils for Petro. Feed. Use	—	—	—	87	—	—	87
Special Naphthas	—	19	19	74	—	22	96
Lubricants	389	246	635	—	—	274	274
Waxes	—	280	280	—	—	50	50
Petroleum Coke	—	—	—	430	1,076	129	1,635
Marketable	—	—	—	430	1,076	129	1,635
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	98	341	439	2,769	1,168	165	4,102
Miscellaneous Products	16	29	45	90	22	9	121
Total Stocks, All Oils	14,718	2,657	17,375	37,295	8,646	11,933	57,874

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, January 2021
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	2,001	25,898	17,081	1,045	319	46,344	2,308	18,500	86,039
Petroleum Products	10,092	58,185	44,712	3,914	984	117,887	10,828	45,595	230,672
Hydrocarbon Gas Liquids	2,179	1,803	1,587	18	42	5,629	384	1,328	11,162
Natural Gas Liquids	1,551	1,525	1,360	17	42	4,495	276	1,314	9,399
Ethane	112	1	—	—	—	113	—	—	113
Propane	285	149	64	2	3	503	42	80	1,449
Normal Butane	901	1,129	699	10	8	2,747	146	879	5,319
Isobutane	144	213	350	5	13	725	75	355	1,735
Natural Gasoline	109	33	247	—	18	407	13	—	783
Refinery Olefins	628	278	227	1	0	1,134	108	14	1,763
Ethylene	0	0	—	—	—	0	—	—	0
Propylene	621	46	112	0	0	779	0	11	1,164
Normal Butylene	7	232	109	1	0	349	108	3	568
Isobutylene	0	0	6	0	0	6	0	0	31
Oxygenates/Renewable Fuels/Other Hydrocarbons	42	48	105	56	7	258	97	436	1,200
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	42	48	105	56	7	258	97	436	1,181
Fuel Ethanol	29	22	70	40	2	163	92	142	741
Renewable Diesel Fuel ²	13	26	35	16	5	95	5	294	440
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	19
Unfinished Oils	2,196	23,364	16,352	963	481	43,356	2,589	15,611	76,200
Naphthas and Lighter	921	6,200	2,092	268	108	9,589	585	2,896	16,995
Kerosene and Light Gas Oils	363	3,434	2,577	249	117	6,740	420	2,911	12,321
Heavy Gas Oils	361	11,248	8,008	419	256	20,292	1,206	7,710	35,238
Residuum	551	2,482	3,675	27	—	6,735	378	2,094	11,646
Motor Gasoline Blending Components (MGBC)	3,016	12,959	11,347	412	214	27,948	3,772	13,418	61,379
Reformulated - RBOB	183	1,272	352	—	—	1,807	—	4,977	9,137
Conventional	2,833	11,687	10,995	412	214	26,141	3,772	8,441	52,242
CBOB	1,481	4,162	4,986	313	13	10,955	2,126	2,187	21,874
GTAB	—	—	—	—	—	—	—	—	—
Other	1,352	7,525	6,009	99	201	15,186	1,646	6,254	30,368
Aviation Gasoline Blending Components	17	—	19	—	—	36	—	—	36
Finished Motor Gasoline	147	1,636	1,524	21	—	3,328	953	883	6,550
Reformulated	—	—	—	—	—	—	—	15	15
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	15	15
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	147	1,636	1,524	21	—	3,328	953	868	6,535
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	67	—	67
Ed55 and Lower	—	—	—	—	—	—	67	—	67
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	147	1,636	1,524	21	—	3,328	886	868	6,468
Finished Aviation Gasoline	51	83	129	—	—	263	9	187	571
Kerosene-Type Jet Fuel	407	2,595	1,773	110	—	4,885	274	3,554	11,064
Kerosene	33	5	89	4	—	131	1	2	379
Distillate Fuel Oil	1,061	6,519	6,896	354	84	14,914	1,684	5,548	29,929
15 ppm sulfur and under	1,047	5,557	5,007	269	84	11,964	1,557	4,970	25,683
Greater than 15 ppm to 500 ppm sulfur	14	328	1,084	10	—	1,436	85	174	1,814
Greater than 500 ppm sulfur	—	634	805	75	—	1,514	42	404	2,432
Residual Fuel Oil	125	1,564	877	23	48	2,637	164	2,184	6,091
Less than 0.31 percent sulfur	16	—	17	—	—	33	21	16	131
0.31 to 1.00 percent sulfur	39	236	173	23	—	471	4	357	1,150
Greater than 1.00 percent sulfur	70	1,328	687	—	48	2,133	139	1,811	4,810
Petrochemical Feedstocks	121	1,508	620	20	—	2,269	—	2	2,839
Naphtha for Petro. Feed. Use	42	1,001	571	20	—	1,634	—	2	2,117
Other Oils for Petro. Feed. Use	79	507	49	—	—	635	—	—	722
Special Naphthas	130	610	—	76	—	816	—	31	962
Lubricants	46	1,903	1,870	786	—	4,605	—	468	5,982
Waxes	—	57	98	72	—	227	—	—	557
Petroleum Coke	16	3,109	1,001	—	—	4,126	223	1,203	7,187
Marketable	16	3,109	1,001	—	—	4,126	223	1,203	7,187
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	489	186	342	998	81	2,096	663	657	7,957
Miscellaneous Products	16	236	83	1	27	363	15	83	627
Total Stocks, All Oils	12,093	84,083	61,793	4,959	1,303	164,231	13,136	64,095	316,711

-- = Not Applicable.

- = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, January 2021

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Hydrocarbon Gas Liquids	1.2	-0.2	1.0	1.4	-1.0	0.6	0.9
Finished Motor Gasoline ¹	51.3	37.9	49.5	53.4	51.7	52.2	52.9
Finished Aviation Gasoline ²	-	-	-	-	0.2	-	0.0
Kerosene-Type Jet Fuel	7.5	-	6.5	7.5	4.1	2.3	5.9
Kerosene	0.4	0.1	0.3	0.3	-	0.3	0.3
Distillate Fuel Oil ³	29.6	28.5	29.4	26.7	33.4	39.3	30.5
Residual Fuel Oil	5.9	0.0	5.1	0.9	1.1	0.5	0.8
Naphtha for Petro. Feed. Use	-	-	-	0.7	-	-	0.5
Other Oils for Petro. Feed. Use	-	-	-	0.4	-	0.1	0.3
Special Naphthas	-	0.3	0.0	0.0	-	0.1	0.0
Lubricants	0.9	7.0	1.7	-	-	1.1	0.3
Waxes	-	-0.8	-0.1	-	-	0.2	0.0
Petroleum Coke	3.4	0.6	3.1	5.1	6.4	3.4	4.8
Asphalt and Road Oil	1.8	23.5	4.6	5.6	8.1	1.2	4.9
Still Gas	4.3	1.3	3.9	3.2	4.0	4.0	3.5
Miscellaneous Products	0.3	0.9	0.4	0.4	0.8	0.2	0.4
Processing Gain(-) or Loss(+) ⁴	-6.5	0.9	-5.5	-5.6	-8.8	-5.4	-6.0

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Hydrocarbon Gas Liquids	2.2	4.1	5.4	-0.2	-0.2	4.2	0.0	-0.4	2.5
Finished Motor Gasoline ¹	53.5	44.4	44.1	28.8	53.4	44.7	47.2	52.5	48.1
Finished Aviation Gasoline ²	0.4	0.0	0.1	-	-	0.1	0.0	0.1	0.1
Kerosene-Type Jet Fuel	6.2	9.4	8.1	2.7	-	8.4	4.5	15.1	8.4
Kerosene	0.0	0.0	0.0	0.6	-	0.0	-	0.0	0.1
Distillate Fuel Oil ³	31.4	30.2	34.5	33.0	38.9	32.0	34.5	24.6	30.7
Residual Fuel Oil	1.5	0.5	0.3	-0.1	0.8	0.5	2.0	4.0	1.3
Naphtha for Petro. Feed. Use	0.7	2.5	1.7	-	-	1.9	-	-	1.2
Other Oils for Petro. Feed. Use	0.0	1.3	1.1	-	-	1.1	-	-	0.7
Special Naphthas	0.3	0.6	-	3.1	-	0.4	-	0.1	0.2
Lubricants	0.1	1.3	2.0	12.9	-	1.7	-	0.5	1.1
Waxes	-	0.0	0.0	0.4	-	0.0	-	-	0.0
Petroleum Coke	1.8	5.5	5.2	2.0	0.7	4.9	3.8	6.0	4.9
Asphalt and Road Oil	1.3	0.2	0.6	13.9	2.8	0.9	7.4	1.1	2.3
Still Gas	3.3	4.9	3.6	3.8	2.2	4.2	3.5	4.6	4.0
Miscellaneous Products	0.9	0.7	0.5	0.0	2.0	0.6	0.6	0.6	0.6
Processing Gain(-) or Loss(+) ⁴	-3.6	-5.7	-6.9	-1.2	-0.2	-5.8	-3.5	-8.6	-6.1

- = No Data Reported.

¹ Based on net production of finished motor gasoline minus input of natural gas plant liquids, fuel ethanol, oxygenates, and net input of motor gasoline blending components.

² Based on finished aviation gasoline net production minus net input of aviation gasoline blending components.

³ Based on distillate fuel oil net production minus input of biodiesel, "other" renewable diesel fuels, and "other" renewable fuels.

⁴ Represents the arithmetic difference between input and production.

Note: Percent yield is calculated as net production (or adjusted net production) divided by input of crude oil, hydrogen, "other" hydrocarbons, and net input of unfinished oils.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, January 2021
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	—	277	770	1,047
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	72	—	72
Georgia	—	—	—	—
Maine	—	—	—	—
Maryland	—	—	—	—
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	—	205	555	760
New York	—	—	215	215
North Carolina	—	—	—	—
Pennsylvania	—	—	—	—
Rhode Island	—	—	—	—
South Carolina	—	—	—	—
Vermont	—	—	—	—
Virginia	—	—	—	—
West Virginia	—	—	—	—
PAD District 2	—	52	—	52
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	—	—	—
Minnesota	—	26	—	26
North Dakota	—	26	—	26
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	599	270	3,707	4,576
Alabama	—	—	—	—
Louisiana	599	205	933	1,737
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	—	65	2,774	2,839
PAD District 4	—	—	—	—
Idaho	—	—	—	—
Montana	—	—	—	—
PAD District 5	—	620	57	677
Alaska	—	—	—	—
California	—	549	—	549
Hawaii	—	—	—	—
Oregon	—	—	—	—
Washington	—	71	57	128
U.S. Total	599	1,219	4,534	6,352

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 37. Imports of Crude Oil and Petroleum Products by PAD District, January 2021
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	15,031	80,859	46,767	9,105	27,522	179,284	5,783
Hydrocarbon Gas Liquids	1,615	3,066	—	802	1,815	7,298	235
Natural Gas Liquids	1,309	2,791	—	802	1,815	6,717	217
Ethane	—	—	—	—	—	—	—
Propane	1,198	2,118	—	611	1,250	5,177	167
Normal Butane	100	537	—	177	565	1,379	44
Isobutane	11	128	—	14	—	153	5
Natural Gasoline	—	8	—	—	—	8	0
Refinery Olefins	306	275	—	—	—	581	19
Ethylene	—	—	—	—	—	—	—
Propylene	306	194	—	—	—	500	16
Normal Butylene	—	81	—	—	—	81	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	16,204	372	13,856	77	1,932	32,441	1,046
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	97	52	—	27	823	999	32
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	97	52	—	27	823	999	32
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	97	52	—	27	52	228	7
Other Renewable Diesel Fuel	—	—	—	—	771	771	25
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	2,318	—	13,252	—	1,070	16,640	537
Naphthas and Lighter	593	—	—	—	346	939	30
Kerosene and Lighter Gas Oils	—	—	4	—	26	30	1
Heavy Gas Oils	1,725	—	4,558	—	698	6,981	225
Residuum	—	—	8,690	—	—	8,690	280
Motor Gasoline Blend.Comp. (MGBC)	13,789	320	604	50	39	14,802	477
Reformulated - RBOB	5,174	—	—	—	—	5,174	167
Conventional	8,615	320	604	50	39	9,628	311
CBOB	426	—	—	—	—	426	14
GTAB	2,730	—	—	—	—	2,730	88
Other	5,459	320	604	50	39	6,472	209
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	13,725	1,094	7,249	220	4,058	26,346	850
Finished Motor Gasoline	558	—	306	—	370	1,234	40
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	558	—	306	—	370	1,234	40
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	558	—	306	—	370	1,234	40
Finished Aviation Gasoline	1	3	—	1	3	8	0
Kerosene-Type Jet Fuel	1,117	—	—	15	2,721	3,853	124
Bonded Aircraft Fuel	—	—	—	—	65	65	2
Other	1,117	—	—	15	2,656	3,788	122
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	10,480	237	400	158	211	11,486	371
15 ppm sulfur and under	10,480	235	—	158	211	11,084	358
Bonded	—	—	—	—	—	—	—
Other	10,480	235	—	158	211	11,084	358
Greater than 15 ppm to 500 ppm sulfur	—	1	—	—	—	1	0
Bonded	—	—	—	—	—	—	—
Other	—	1	—	—	—	1	0
Greater than 500 ppm to 2000 ppm sulfur	—	1	400	—	—	401	13
Bonded	—	—	—	—	—	—	—
Other	—	1	400	—	—	401	13
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	1,047	52	4,576	—	677	6,352	205
Less than 0.31 percent sulfur	—	—	599	—	—	599	19
0.31 to 1.00 percent sulfur	277	52	270	—	620	1,219	39
Greater than 1.00 percent sulfur	770	—	3,707	—	57	4,534	146
Petrochemical Feedstocks	6	158	251	—	—	415	13
Naphtha for Petro. Feed. Use	3	97	241	—	—	341	11
Other Oils for Petro. Feed. Use	3	61	10	—	—	74	2
Special Naphthas	3	8	300	—	—	311	10
Lubricants	153	213	1,210	—	2	1,578	51
Waxes	70	16	52	—	14	152	5
Petroleum Coke (Marketable)	6	38	56	—	—	100	3
Asphalt and Road Oil	284	369	98	45	60	856	28
Miscellaneous Products	—	—	—	1	—	1	0
Total	46,575	85,391	67,872	10,204	35,327	245,369	7,915

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-January 2021
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	15,031	80,859	46,767	9,105	27,522	179,284	5,783
Hydrocarbon Gas Liquids	1,615	3,066	—	802	1,815	7,298	235
Natural Gas Liquids	1,309	2,791	—	802	1,815	6,717	217
Ethane	—	—	—	—	—	—	—
Propane	1,198	2,118	—	611	1,250	5,177	167
Normal Butane	100	537	—	177	565	1,379	44
Isobutane	11	128	—	14	—	153	5
Natural Gasoline	—	8	—	—	—	8	0
Refinery Olefins	306	275	—	—	—	581	19
Ethylene	—	—	—	—	—	—	—
Propylene	306	194	—	—	—	500	16
Normal Butylene	—	81	—	—	—	81	3
Isobutylene	—	—	—	—	—	—	—
Other Liquids	16,204	372	13,856	77	1,932	32,441	1,046
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	97	52	—	27	823	999	32
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	97	52	—	27	823	999	32
Fuel Ethanol	—	—	—	—	—	—	—
Biodiesel	97	52	—	27	52	228	7
Other Renewable Diesel Fuel	—	—	—	—	771	771	25
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Unfinished Oils ¹	2,318	—	13,252	—	1,070	16,640	537
Naphthas and Lighter	593	—	—	—	346	939	30
Kerosene and Lighter Gas Oils	—	—	4	—	26	30	1
Heavy Gas Oils	1,725	—	4,558	—	698	6,981	225
Residuum	—	—	8,690	—	—	8,690	280
Motor Gasoline Blend Comp. (MGBC)	13,789	320	604	50	39	14,802	477
Reformulated - RBOB	5,174	—	—	—	—	5,174	167
Conventional	8,615	320	604	50	39	9,628	311
CBOB	426	—	—	—	—	426	14
GTAB	2,730	—	—	—	—	2,730	88
Other	5,459	320	604	50	39	6,472	209
Aviation Gasoline Blend Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	13,725	1,094	7,249	220	4,058	26,346	850
Finished Motor Gasoline	558	—	306	—	370	1,234	40
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	558	—	306	—	370	1,234	40
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	558	—	306	—	370	1,234	40
Finished Aviation Gasoline	1	3	—	1	3	8	0
Kerosene-Type Jet Fuel	1,117	—	—	15	2,721	3,853	124
Bonded Aircraft Fuel	—	—	—	—	65	65	2
Other	1,117	—	—	15	2,656	3,788	122
Kerosene	—	—	—	—	—	—	—
Distillate Fuel Oil	10,480	237	400	158	211	11,486	371
15 ppm sulfur and under	10,480	235	—	158	211	11,084	358
Bonded	—	—	—	—	—	—	—
Other	10,480	235	—	158	211	11,084	358
Greater than 15 ppm to 500 ppm sulfur	—	1	—	—	—	1	0
Bonded	—	—	—	—	—	—	—
Other	—	1	—	—	—	1	0
Greater than 500 ppm to 2000 ppm sulfur	—	1	400	—	—	401	13
Bonded	—	—	—	—	—	—	—
Other	—	1	400	—	—	401	13
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	1,047	52	4,576	—	677	6,352	205
Less than 0.31 percent sulfur	—	—	599	—	—	599	19
0.31 to 1.00 percent sulfur	277	52	270	—	620	1,219	39
Greater than 1.00 percent sulfur	770	—	3,707	—	57	4,534	146
Petrochemical Feedstocks	6	158	251	—	—	415	13
Naphtha for Petro. Feed. Use	3	97	241	—	—	341	11
Other Oils for Petro. Feed. Use	3	61	10	—	—	74	2
Special Naphthas	3	8	300	—	—	311	10
Lubricants	153	213	1,210	—	2	1,578	51
Waxes	70	16	52	—	14	152	5
Petroleum Coke (Marketable)	6	38	56	—	—	100	3
Asphalt and Road Oil	284	369	98	45	60	856	28
Miscellaneous Products	—	—	—	1	—	1	0
Total	46,575	85,391	67,872	10,204	35,327	245,369	7,915

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	15,817	-	-	-	-	-	-	-	601	601
Algeria	736	-	-	-	-	-	-	-	-	-
Angola	917	-	-	-	-	-	-	-	322	322
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,771	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,036	-	-	-	-	-	-	-	-	-
Nigeria	3,950	-	-	-	-	-	-	-	279	279
Saudi Arabia	6,407	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	163,467	6,717	581	16,640	-	1,234	1,234	5,174	9,027	14,201
Argentina	-	55	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	285	285
Brazil	3,408	-	-	-	-	-	-	-	353	353
Brunei	1,007	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	118,924	6,661	581	30	-	337	337	3,770	1,440	5,210
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,481	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	4,721	-	-	367	-	-	-	-	-	-
Egypt	-	-	-	795	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	1	1	-	554	554
France	-	-	-	-	-	-	-	100	550	650
Germany	-	-	-	-	-	-	-	-	1	1
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,113	1,113
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	276	276	-	570	570
Korea, South	-	1	-	-	-	188	188	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	19,565	-	-	1,179	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	648	549	1,197
Norway	956	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	850	850
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	3,149	-	-	12,957	-	384	384	-	741	741
Spain	-	-	-	-	-	-	-	-	562	562
Sweden	-	-	-	-	-	-	-	-	203	203
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,527	-	-	-	-	-	-	-	-	-
United Kingdom	635	-	-	-	-	-	-	656	-	656
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	844	-	-	-	-	70	70
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,094	0	0	468	-	48	48	0	1,186	1,186
Total	179,284	6,717	581	16,640	-	1,234	1,234	5,174	9,628	14,802
Persian Gulf³	9,178	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-	-	-	-	1,779	-	-	-	1,779
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	11	-	-	-	11
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	273	-	-	-	273
Saudi Arabia	--	--	-	-	-	-	883	-	-	-	883
United Arab Emirates	--	--	-	-	-	-	612	-	-	-	612
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	228	771	-	9,305	1	401	-	9,707
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	567	-	-	-	567
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	200	-	-	4,484	1	1	-	4,486
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	619	-	-	-	619
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	713	-	-	-	713
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	28	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	893	-	-	-	893
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,206	-	-	-	1,206
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	144	-	-	-	144
Russia	--	--	-	-	-	-	679	-	-	-	679
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	400	-	400
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	771	-	0	0	0	-	0
Total	--	--	-	228	771	-	11,084	1	401	-	11,486
Persian Gulf³	--	--	-	-	-	-	1,639	-	-	-	1,639

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
OPEC	-	-	-	175	36	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	36	-	-	-	-
United Arab Emirates	-	-	-	175	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	8	-	3,678	275	599	1,219	4,534	6,352
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	4	4
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	8	-	385	11	-	123	102	225
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	69	-	-	-	187	187
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	535	535
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	515	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	524	-	-	-	-	-
Korea, South	-	-	-	2,185	182	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	72	2,211	2,283
Netherlands	-	-	-	-	-	-	205	38	243
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	599	614	981	2,194
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	82	0	205	476	681
Total	-	8	-	3,853	311	599	1,219	4,534	6,352
Persian Gulf⁶	-	-	-	175	36	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	282	—	2,873	18,690	510	93	603
Algeria	—	—	—	—	—	—	—	—	736	24	—	24
Angola	—	—	—	—	—	—	—	322	1,239	30	10	40
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	11	11	—	0	0
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	2,771	89	—	89
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	1,036	33	—	33
Nigeria	—	—	—	—	—	—	—	552	4,502	127	18	145
Saudi Arabia	—	—	—	—	—	36	—	955	7,362	207	31	237
United Arab Emirates	—	—	—	—	—	246	—	1,033	1,033	—	33	33
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	341	74	152	100	856	1,296	1	63,212	226,679	5,273	2,039	7,312
Argentina	—	—	—	56	—	4	—	115	115	—	4	4
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	56	—	56	56	—	2	2
Belgium	36	—	—	—	—	7	—	895	895	—	29	29
Brazil	—	—	—	—	—	—	—	357	3,765	110	12	121
Brunei	—	—	—	—	—	—	—	—	1,007	32	—	32
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	100	64	78	38	856	316	1	19,587	138,511	3,836	632	4,468
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	—	—	—	—	—	875	6,356	177	28	205
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	367	5,088	152	12	164
Egypt	—	—	—	—	—	—	—	1,330	1,330	—	43	43
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	555	555	—	18	18
France	—	10	13	—	—	11	—	684	684	—	22	22
Germany	—	—	—	—	—	8	—	9	9	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	2,341	2,341	—	76	76
Indonesia	—	—	—	—	—	91	—	91	91	—	3	3
Italy	—	—	—	—	—	9	—	1,379	1,379	—	44	44
Korea, South	41	—	1	—	—	362	—	2,988	2,988	—	96	96
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	17	—	—	1	—	18	18	—	1	1
Mexico	142	—	—	—	—	—	—	3,604	23,169	631	116	747
Netherlands	—	—	—	—	—	1	—	2,334	2,334	—	75	75
Norway	—	—	—	—	—	—	—	—	956	31	—	31
Oman	—	—	—	—	—	—	—	1,206	1,206	—	39	39
Portugal	—	—	—	—	—	—	—	850	850	—	27	27
Qatar	—	—	—	—	—	429	—	573	573	—	18	18
Russia	—	—	—	—	—	—	—	16,955	20,104	102	547	649
Spain	—	—	3	—	—	—	—	565	565	—	18	18
Sweden	—	—	—	6	—	—	—	209	209	—	7	7
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	1,527	49	—	49
United Kingdom	—	—	22	—	—	—	—	678	1,313	20	22	42
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	1,314	1,314	—	42	42
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	22	0	15	0	0	1	0	3,274	7,368	133	106	240
Total	341	74	152	100	856	1,578	1	66,085	245,369	5,783	2,132	7,915
Persian Gulf⁶	—	—	—	—	—	767	—	2,617	11,795	296	84	380

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	15,817	-	-	-	-	-	-	-	601	601
Algeria	736	-	-	-	-	-	-	-	-	-
Angola	917	-	-	-	-	-	-	-	322	322
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,771	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,036	-	-	-	-	-	-	-	-	-
Nigeria	3,950	-	-	-	-	-	-	-	279	279
Saudi Arabia	6,407	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	163,467	6,717	581	16,640	-	1,234	1,234	5,174	9,027	14,201
Argentina	-	55	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	285	285
Brazil	3,408	-	-	-	-	-	-	-	353	353
Brunei	1,007	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	118,924	6,661	581	30	-	337	337	3,770	1,440	5,210
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	5,481	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	4,721	-	-	367	-	-	-	-	-	-
Egypt	-	-	-	795	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	1	1	-	554	554
France	-	-	-	-	-	-	-	100	550	650
Germany	-	-	-	-	-	-	-	-	1	1
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,113	1,113
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	276	276	-	570	570
Korea, South	-	1	-	-	-	188	188	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	19,565	-	-	1,179	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	648	549	1,197
Norway	956	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	850	850
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	3,149	-	-	12,957	-	384	384	-	741	741
Spain	-	-	-	-	-	-	-	-	562	562
Sweden	-	-	-	-	-	-	-	-	203	203
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,527	-	-	-	-	-	-	-	-	-
United Kingdom	635	-	-	-	-	-	-	656	-	656
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	844	-	-	-	-	70	70
Yemen	-	-	-	-	-	-	-	-	-	-
Other	4,094	0	0	468	-	48	48	0	1,186	1,186
Total	179,284	6,717	581	16,640	-	1,234	1,234	5,174	9,628	14,802
Persian Gulf³	9,178	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-	-	-	-	1,779	-	-	-	1,779
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	11	-	-	-	11
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	273	-	-	-	273
Saudi Arabia	--	--	-	-	-	-	883	-	-	-	883
United Arab Emirates	--	--	-	-	-	-	612	-	-	-	612
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	228	771	-	9,305	1	401	-	9,707
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	567	-	-	-	567
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	200	-	-	4,484	1	1	-	4,486
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	619	-	-	-	619
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	713	-	-	-	713
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	28	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	893	-	-	-	893
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,206	-	-	-	1,206
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	144	-	-	-	144
Russia	--	--	-	-	-	-	679	-	-	-	679
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	400	-	400
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	771	-	0	0	0	-	0
Total	--	--	-	228	771	-	11,084	1	401	-	11,486
Persian Gulf³	--	--	-	-	-	-	1,639	-	-	-	1,639

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
OPEC	-	-	-	175	36	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	36	-	-	-	-
United Arab Emirates	-	-	-	175	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	8	-	3,678	275	599	1,219	4,534	6,352
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	4	4
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	8	-	385	11	-	123	102	225
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	69	-	-	-	187	187
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	535	535
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	515	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	524	-	-	-	-	-
Korea, South	-	-	-	2,185	182	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	72	2,211	2,283
Netherlands	-	-	-	-	-	-	205	38	243
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	599	614	981	2,194
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	82	0	205	476	681
Total	-	8	-	3,853	311	599	1,219	4,534	6,352
Persian Gulf³	-	-	-	175	36	-	-	-	-

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	282	—	2,873	18,690	510	93	603
Algeria	—	—	—	—	—	—	—	—	736	24	—	24
Angola	—	—	—	—	—	—	—	322	1,239	30	10	40
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	11	11	—	0	0
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	2,771	89	—	89
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	1,036	33	—	33
Nigeria	—	—	—	—	—	—	—	552	4,502	127	18	145
Saudi Arabia	—	—	—	—	—	36	—	955	7,362	207	31	237
United Arab Emirates	—	—	—	—	—	246	—	1,033	1,033	—	33	33
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	341	74	152	100	856	1,296	1	63,212	226,679	5,273	2,039	7,312
Argentina	—	—	—	56	—	4	—	115	115	—	4	4
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	56	—	56	56	—	2	2
Belgium	36	—	—	—	—	7	—	895	895	—	29	29
Brazil	—	—	—	—	—	—	—	357	3,765	110	12	121
Brunei	—	—	—	—	—	—	—	—	1,007	32	—	32
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	100	64	78	38	856	316	1	19,587	138,511	3,836	632	4,468
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	—	—	—	—	—	875	6,356	177	28	205
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	367	5,088	152	12	164
Egypt	—	—	—	—	—	—	—	1,330	1,330	—	43	43
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	555	555	—	18	18
France	—	10	13	—	—	11	—	684	684	—	22	22
Germany	—	—	—	—	—	8	—	9	9	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	2,341	2,341	—	76	76
Indonesia	—	—	—	—	—	91	—	91	91	—	3	3
Italy	—	—	—	—	—	9	—	1,379	1,379	—	44	44
Korea, South	41	—	1	—	—	362	—	2,988	2,988	—	96	96
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	17	—	—	1	—	18	18	—	1	1
Mexico	142	—	—	—	—	—	—	3,604	23,169	631	116	747
Netherlands	—	—	—	—	—	1	—	2,334	2,334	—	75	75
Norway	—	—	—	—	—	—	—	—	956	31	—	31
Oman	—	—	—	—	—	—	—	1,206	1,206	—	39	39
Portugal	—	—	—	—	—	—	—	850	850	—	27	27
Qatar	—	—	—	—	—	429	—	573	573	—	18	18
Russia	—	—	—	—	—	—	—	16,955	20,104	102	547	649
Spain	—	—	3	—	—	—	—	565	565	—	18	18
Sweden	—	—	—	6	—	—	—	209	209	—	7	7
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	1,527	49	—	49
United Kingdom	—	—	22	—	—	—	—	678	1,313	20	22	42
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	1,314	1,314	—	42	42
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	22	0	15	0	0	1	0	3,274	7,368	133	106	240
Total	341	74	152	100	856	1,578	1	66,085	245,369	5,783	2,132	7,915
Persian Gulf³	—	—	—	—	—	767	—	2,617	11,795	296	84	380

-- = Not Applicable.
 - = No Data Reported.
 1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.
 2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.
 3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.
 Note: Totals may not equal sum of components due to independent rounding.
 Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,907	-	-	-	-	-	-	-	601	601
Algeria	736	-	-	-	-	-	-	-	-	-
Angola	917	-	-	-	-	-	-	-	322	322
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	1,706	-	-	-	-	-	-	-	279	279
Saudi Arabia	548	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	11,124	1,309	306	2,318	-	558	558	5,174	8,014	13,188
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	285	285
Brazil	-	-	-	-	-	-	-	-	312	312
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	5,541	1,309	306	-	-	260	260	3,770	1,031	4,801
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	554	554
France	-	-	-	-	-	-	-	100	550	650
Germany	-	-	-	-	-	-	-	-	1	1
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,039	1,039
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	570	570
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,446	-	-	652	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	648	549	1,197
Norway	956	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	850	850
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	569	-	-	1,072	-	298	298	-	741	741
Spain	-	-	-	-	-	-	-	-	562	562
Sweden	-	-	-	-	-	-	-	-	203	203
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	656	-	656
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	594	-	-	-	-	70	70
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,612	0	0	0	-	0	0	0	697	697
Total	15,031	1,309	306	2,318	-	558	558	5,174	8,615	13,789
Persian Gulf³	548	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-	-	-	-	1,779	-	-	-	1,779
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	11	-	-	-	11
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	273	-	-	-	273
Saudi Arabia	--	--	-	-	-	-	883	-	-	-	883
United Arab Emirates	--	--	-	-	-	-	612	-	-	-	612
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	97	-	-	8,701	-	-	-	8,701
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	567	-	-	-	567
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	97	-	-	3,880	-	-	-	3,880
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	619	-	-	-	619
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	713	-	-	-	713
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	893	-	-	-	893
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,206	-	-	-	1,206
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	144	-	-	-	144
Russia	--	--	-	-	-	-	679	-	-	-	679
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	0	-	-	-	0
Total	--	--	-	97	-	-	10,480	-	-	-	10,480
Persian Gulf³	--	--	-	-	-	-	1,639	-	-	-	1,639

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
OPEC	-	-	-	175	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	175	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1	-	942	3	-	277	770	1,047
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	4	4
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	1	-	349	3	-	-	45	45
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	69	-	-	-	187	187
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	524	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	72	481	553
Netherlands	-	-	-	-	-	-	205	38	243
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	0	-	0	15	15
Total	-	1	-	1,117	3	-	277	770	1,047
Persian Gulf⁶	-	-	-	175	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	27	—	2,582	6,489	126	83	209
Algeria	—	—	—	—	—	—	—	—	736	24	—	24
Angola	—	—	—	—	—	—	—	322	1,239	30	10	40
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	11	11	—	0	0
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	552	2,258	55	18	73
Saudi Arabia	—	—	—	—	—	—	—	883	1,431	18	28	46
United Arab Emirates	—	—	—	—	—	27	—	814	814	—	26	26
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	3	3	70	6	284	126	—	28,962	40,086	359	934	1,293
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	6	—	858	858	—	28	28
Brazil	—	—	—	—	—	—	—	316	316	—	10	10
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	3	3	62	—	284	94	—	11,497	17,038	179	371	550
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	—	—	—	—	—	875	875	—	28	28
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	554	554	—	18	18
France	—	—	—	—	—	8	—	658	658	—	21	21
Germany	—	—	—	—	—	6	—	7	7	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	1,752	1,752	—	57	57
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	2	—	1,096	1,096	—	35	35
Korea, South	—	—	1	—	—	7	—	8	8	—	0	0
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1	—	1	1	—	0	0
Mexico	—	—	—	—	—	—	—	1,205	3,651	79	39	118
Netherlands	—	—	—	—	—	1	—	2,334	2,334	—	75	75
Norway	—	—	—	—	—	—	—	—	956	31	—	31
Oman	—	—	—	—	—	—	—	1,206	1,206	—	39	39
Portugal	—	—	—	—	—	—	—	850	850	—	27	27
Qatar	—	—	—	—	—	—	—	144	144	—	5	5
Russia	—	—	—	—	—	—	—	2,790	3,359	18	90	108
Spain	—	—	3	—	—	—	—	565	565	—	18	18
Sweden	—	—	—	6	—	—	—	209	209	—	7	7
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	656	656	—	21	21
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	664	664	—	21	21
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	1	0	0	1	—	714	2,326	52	24	76
Total	3	3	70	6	284	153	—	31,544	46,575	485	1,018	1,502
Persian Gulf⁶	—	—	—	—	—	27	—	1,841	2,389	18	59	77

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	80,859	2,791	275	-	-	-	-	-	320	320
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	80,655	2,790	275	-	-	-	-	-	320	320
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	204	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	1	0	-	-	-	-	-	0	0
Total	80,859	2,791	275	-	-	-	-	-	320	320
Persian Gulf³	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	52	-	-	235	1	1	-	237
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	52	-	-	235	1	1	-	237
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Russia	--	--	-	-	-	-	-	-	-	-	-
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	0	0	0	-	0
Total	--	--	-	52	-	-	235	1	1	-	237
Persian Gulf³	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3	-	-	8	-	52	-	52
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	3	-	-	8	-	52	-	52
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	0	-	0
Total	-	3	-	-	8	-	52	-	52
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	97	61	16	38	369	213	-	4,532	85,391	2,608	146	2,755
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	97	61	16	38	369	213	-	4,531	85,186	2,602	146	2,748
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	1	1	-	0	0
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	204	7	-	7
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	0	0	-	0	0	-1	0	0
Total	97	61	16	38	369	213	-	4,532	85,391	2,608	146	2,755
Persian Gulf⁶	-	-	-	-	-	-	-	-	-	-	-	-

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	4,879	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	362	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	950	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,567	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	41,888	-	-	13,252	-	306	306	-	604	604
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	2,446	-	-	-	-	-	-	-	41	41
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	16,018	-	-	4	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,026	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	367	-	-	-	-	-	-
Egypt	-	-	-	795	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	74	74
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	16,518	-	-	203	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	718	-	-	11,165	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,527	-	-	-	-	-	-	-	-	-
United Kingdom	635	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	250	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	468	-	30	30	-	489	489
Total	46,767	-	-	13,252	-	306	306	-	604	604
Persian Gulf³	3,929	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	-	-	-	-	-	400	-	400
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	-	-	-	-	-	-	-	-
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Russia	--	--	-	-	-	-	-	-	-	-	-
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	400	-	400
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	-	-	-	-	-	0	-	0
Total	--	--	-	-	-	-	-	-	400	-	400
Persian Gulf³	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
OPEC	-	-	-	-	36	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	36	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	264	599	270	3,707	4,576
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	535	535
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	182	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	1,730	1,730
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	599	65	981	1,645
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	82	0	205	461	666
Total	-	-	-	-	300	599	270	3,707	4,576
Persian Gulf⁶	-	-	-	-	36	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	--	--	--	--	--	255	--	291	5,170	157	9	167
Algeria	--	--	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	362	12	--	12
Kuwait	--	--	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	950	31	--	31
Saudi Arabia	--	--	--	--	--	36	--	72	3,639	115	2	117
United Arab Emirates	--	--	--	--	--	219	--	219	219	--	7	7
Venezuela	--	--	--	--	--	--	--	--	--	--	--	--
Non-OPEC	241	10	52	56	98	955	--	20,814	62,702	1,351	671	2,023
Argentina	--	--	--	56	--	4	--	60	60	--	2	2
Aruba	--	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	56	--	56	56	--	2	2
Belgium	36	--	--	--	--	1	--	37	37	--	1	1
Brazil	--	--	--	--	--	--	--	41	2,487	79	1	80
Brunei	--	--	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--	--	--
Canada	--	--	--	--	98	7	--	109	16,127	517	4	520
Chad	--	--	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	4,026	130	--	130
Denmark	--	--	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	367	367	--	12	12
Egypt	--	--	--	--	--	--	--	1,330	1,330	--	43	43
Estonia	--	--	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--	--	--
France	--	10	13	--	--	3	--	26	26	--	1	1
Germany	--	--	--	--	--	2	--	2	2	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	74	74	--	2	2
Indonesia	--	--	--	--	--	91	--	91	91	--	3	3
Italy	--	--	--	--	--	7	--	283	283	--	9	9
Korea, South	41	--	--	--	--	355	--	578	578	--	19	19
Latvia	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	17	--	--	--	--	17	17	--	1	1
Mexico	142	--	--	--	--	--	--	2,075	18,593	533	67	600
Netherlands	--	--	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	429	--	429	429	--	14	14
Russia	--	--	--	--	--	--	--	12,810	13,528	23	413	436
Spain	--	--	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	1,527	49	--	49
United Kingdom	--	--	22	--	--	--	--	22	657	20	1	21
Vietnam	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	650	650	--	21	21
Yemen	--	--	--	--	--	--	--	--	--	--	--	--
Other	22	0	0	0	0	0	--	1,757	1,757	0	55	57
Total	241	10	52	56	98	1,210	--	21,105	67,872	1,509	681	2,189
Persian Gulf⁶	--	--	--	--	--	740	--	776	4,705	127	25	152

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,105	802	-	-	-	-	-	-	50	50
Canada	9,105	802	-	-	-	-	-	-	50	50
Ecuador	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	9,105	802	-	-	-	-	-	-	50	50
PAD District 5										
OPEC	7,031	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,409	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,036	-	-	-	-	-	-	-	-	-
Nigeria	1,294	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,292	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	20,491	1,815	-	1,070	-	370	370	-	39	39
Argentina	-	55	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	962	-	-	-	-	-	-	-	-	-
Brunei	1,007	-	-	-	-	-	-	-	-	-
Canada	7,605	1,760	-	26	-	77	77	-	39	39
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,455	-	-	-	-	-	-	-	-	-
Ecuador	4,721	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	1	1	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	188	188	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	397	-	-	324	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	4,344	0	-	720	-	104	104	-	0	0
Total	27,522	1,815	-	1,070	-	370	370	-	39	39
Persian Gulf³	4,701	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
PAD District 4											
OPEC	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	27	-	-	158	-	-	-	158
Canada	--	--	-	27	-	-	158	-	-	-	158
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	0	-	-	-	0
Total	--	--	-	27	-	-	158	-	-	-	158
PAD District 5											
OPEC	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	52	771	-	211	-	-	-	211
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	24	-	-	211	-	-	-	211
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Japan	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	28	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Papua New Guinea	--	--	-	-	-	-	-	-	-	-	-
Peru	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Singapore	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Taiwan	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	771	-	0	-	-	-	0
Total	--	--	-	52	771	-	211	-	-	-	211
Persian Gulf³	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1	-	15	-	-	-	-	-
Canada	-	1	-	15	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	-	-	-	-
Total	-	1	-	15	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3	-	2,721	-	-	620	57	677
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	3	-	21	-	-	71	57	128
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	2,185	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	-	515	-	-	549	0	549
Total	-	3	-	2,721	-	-	620	57	677
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
PAD District 4												
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	45	-	1	1,099	10,204	294	35	329
Canada	-	-	-	-	45	-	1	1,099	10,204	294	35	329
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	0	-	0	0	0	0	0	0
Total	-	-	-	-	45	-	1	1,099	10,204	294	35	329
PAD District 5												
OPEC	-	-	-	-	-	-	-	-	7,031	227	-	227
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	2,409	78	-	78
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	1,036	33	-	33
Nigeria	-	-	-	-	-	-	-	-	1,294	42	-	42
Saudi Arabia	-	-	-	-	-	-	-	-	2,292	74	-	74
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	14	-	60	2	-	7,805	28,296	661	252	913
Argentina	-	-	-	-	-	-	-	55	55	-	2	2
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	962	31	-	31
Brunei	-	-	-	-	-	-	-	-	1,007	32	-	32
Canada	-	-	-	-	60	2	-	2,351	9,956	245	76	321
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	1,455	47	-	47
Ecuador	-	-	-	-	-	-	-	-	4,721	152	-	152
Finland	-	-	-	-	-	-	-	1	1	-	0	0
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	2,401	2,401	-	77
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	324	721	13	10	23
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	771	771	-	25	25
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	14	-	-	-	14	14	-	0	0
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	-	1,888	6,232	141	62	203
Total	-	-	14	-	60	2	-	7,805	35,327	888	252	1,140
Persian Gulf³	-	-	-	-	-	-	-	-	4,701	152	-	152

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,907	-	-	-	-	-	-	-	601	601
Algeria	736	-	-	-	-	-	-	-	-	-
Angola	917	-	-	-	-	-	-	-	322	322
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	1,706	-	-	-	-	-	-	-	279	279
Saudi Arabia	548	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	11,124	1,309	306	2,318	-	558	558	5,174	8,014	13,188
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	285	285
Brazil	-	-	-	-	-	-	-	-	312	312
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	5,541	1,309	306	-	-	260	260	3,770	1,031	4,801
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	554	554
France	-	-	-	-	-	-	-	100	550	650
Germany	-	-	-	-	-	-	-	-	1	1
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	1,039	1,039
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	570	570
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	2,446	-	-	652	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	648	549	1,197
Norway	956	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	850	850
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	569	-	-	1,072	-	298	298	-	741	741
Spain	-	-	-	-	-	-	-	-	562	562
Sweden	-	-	-	-	-	-	-	-	203	203
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	656	-	656
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	594	-	-	-	-	70	70
Yemen	-	-	-	-	-	-	-	-	-	-
Other	1,612	0	0	0	-	0	0	0	697	697
Total	15,031	1,309	306	2,318	-	558	558	5,174	8,615	13,789
Persian Gulf³	548	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-	-	-	-	1,779	-	-	-	1,779
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	11	-	-	-	11
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	273	-	-	-	273
Saudi Arabia	--	--	-	-	-	-	883	-	-	-	883
United Arab Emirates	--	--	-	-	-	-	612	-	-	-	612
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	97	-	-	8,701	-	-	-	8,701
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	567	-	-	-	567
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	97	-	-	3,880	-	-	-	3,880
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	619	-	-	-	619
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	713	-	-	-	713
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	893	-	-	-	893
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	1,206	-	-	-	1,206
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	144	-	-	-	144
Russia	--	--	-	-	-	-	679	-	-	-	679
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	-11	-	-	-	-11
Total	--	--	-	97	-	-	10,480	-	-	-	10,480
Persian Gulf³	--	--	-	-	-	-	1,639	-	-	-	1,639

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
OPEC	-	-	-	175	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	175	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1	-	942	3	-	277	770	1,047
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	4	4
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	1	-	349	3	-	-	45	45
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	69	-	-	-	187	187
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	524	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	72	481	553
Netherlands	-	-	-	-	-	-	205	38	243
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	0	-	0	15	15
Total	-	1	-	1,117	3	-	277	770	1,047
Persian Gulf⁶	-	-	-	175	-	-	-	-	-

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	27	—	2,582	6,489	126	83	209
Algeria	—	—	—	—	—	—	—	—	736	24	—	24
Angola	—	—	—	—	—	—	—	322	1,239	30	10	40
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	11	11	—	0	0
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	552	2,258	55	18	73
Saudi Arabia	—	—	—	—	—	—	—	883	1,431	18	28	46
United Arab Emirates	—	—	—	—	—	27	—	814	814	—	26	26
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	3	3	70	6	284	126	—	28,962	40,086	359	934	1,293
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	6	—	858	858	—	28	28
Brazil	—	—	—	—	—	—	—	316	316	—	10	10
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	3	3	62	—	284	94	—	11,497	17,038	179	371	550
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	3	—	—	—	—	3	3	—	0	0
Colombia	—	—	—	—	—	—	—	875	875	—	28	28
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	554	554	—	18	18
France	—	—	—	—	—	8	—	658	658	—	21	21
Germany	—	—	—	—	—	6	—	7	7	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	1,752	1,752	—	57	57
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	2	—	1,096	1,096	—	35	35
Korea, South	—	—	1	—	—	7	—	8	8	—	0	0
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	1	—	1	1	—	0	0
Mexico	—	—	—	—	—	—	—	1,205	3,651	79	39	118
Netherlands	—	—	—	—	—	1	—	2,334	2,334	—	75	75
Norway	—	—	—	—	—	—	—	—	956	31	—	31
Oman	—	—	—	—	—	—	—	1,206	1,206	—	39	39
Portugal	—	—	—	—	—	—	—	850	850	—	27	27
Qatar	—	—	—	—	—	—	—	144	144	—	5	5
Russia	—	—	—	—	—	—	—	2,790	3,359	18	90	108
Spain	—	—	3	—	—	—	—	565	565	—	18	18
Sweden	—	—	—	6	—	—	—	209	209	—	7	7
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	656	656	—	21	21
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	664	664	—	21	21
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	1	0	0	1	—	703	2,315	52	24	76
Total	3	3	70	6	284	153	—	31,544	46,575	485	1,018	1,502
Persian Gulf⁶	—	—	—	—	—	27	—	1,841	2,389	18	59	77

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	80,859	2,791	275	-	-	-	-	-	320	320
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	80,655	2,790	275	-	-	-	-	-	320	320
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	204	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	1	0	-	-	-	-	-	0	0
Total	80,859	2,791	275	-	-	-	-	-	320	320
Persian Gulf³	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	52	-	-	235	1	1	-	237
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	52	-	-	235	1	1	-	237
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Russia	--	--	-	-	-	-	-	-	-	-	-
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	0	0	0	-	0
Total	--	--	-	52	-	-	235	1	1	-	237
Persian Gulf³	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3	-	-	8	-	52	-	52
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	3	-	-	8	-	52	-	52
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	0	-	-	0	-	0	-	0
Total	-	3	-	-	8	-	52	-	52
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	97	61	16	38	369	213	-	4,532	85,391	2,608	146	2,755
Argentina	-	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-	-
Canada	97	61	16	38	369	213	-	4,531	85,186	2,602	146	2,748
Chad	-	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	1	1	-	0	0
Latvia	-	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	204	7	-	7
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	0	0	-	0	0	-1	0	0
Total	97	61	16	38	369	213	-	4,532	85,391	2,608	146	2,755
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-	-

-- = Not Applicable.

- = No Data Reported.

1 Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

2 Includes crude oil imported for storage in the Strategic Petroleum Reserve.

3 Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	4,879	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	362	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	950	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,567	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	41,888	-	-	13,252	-	306	306	-	604	604
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	2,446	-	-	-	-	-	-	-	41	41
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	16,018	-	-	4	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	4,026	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	367	-	-	-	-	-	-
Egypt	-	-	-	795	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	74	74
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	276	276	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	16,518	-	-	203	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	718	-	-	11,165	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,527	-	-	-	-	-	-	-	-	-
United Kingdom	635	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	250	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	-	-	468	-	30	30	-	489	489
Total	46,767	-	-	13,252	-	306	306	-	604	604
Persian Gulf³	3,929	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	-	-	-	-	-	400	-	400
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Bahamas	--	--	-	-	-	-	-	-	-	-	-
Bahrain	--	--	-	-	-	-	-	-	-	-	-
Belgium	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	-	-	-	-	-	-	-	-
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Denmark	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Egypt	--	--	-	-	-	-	-	-	-	-	-
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Guatemala	--	--	-	-	-	-	-	-	-	-	-
India	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Italy	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	-	-	-	-	-	-	-	-
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Norway	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Portugal	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Russia	--	--	-	-	-	-	-	-	-	-	-
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Syria	--	--	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	400	-	400
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	-	-	-	-	-	0	-	0
Total	--	--	-	-	-	-	-	-	400	-	400
Persian Gulf³	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
OPEC	-	-	-	-	36	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	36	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	264	599	270	3,707	4,576
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	535	535
Estonia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	182	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	1,730	1,730
Netherlands	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	599	65	981	1,645
Spain	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	82	0	205	461	666
Total	-	-	-	-	300	599	270	3,707	4,576
Persian Gulf⁶	-	-	-	-	36	-	-	-	-

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	--	--	--	--	--	255	--	291	5,170	157	9	167
Algeria	--	--	--	--	--	--	--	--	--	--	--	--
Angola	--	--	--	--	--	--	--	--	--	--	--	--
Congo (Brazzaville)	--	--	--	--	--	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	--	--	--	--	--	--	--	--	--
Gabon	--	--	--	--	--	--	--	--	--	--	--	--
Iran	--	--	--	--	--	--	--	--	--	--	--	--
Iraq	--	--	--	--	--	--	--	--	362	12	--	12
Kuwait	--	--	--	--	--	--	--	--	--	--	--	--
Libya	--	--	--	--	--	--	--	--	--	--	--	--
Nigeria	--	--	--	--	--	--	--	--	950	31	--	31
Saudi Arabia	--	--	--	--	--	36	--	72	3,639	115	2	117
United Arab Emirates	--	--	--	--	--	219	--	219	219	--	7	7
Venezuela	--	--	--	--	--	--	--	--	--	--	--	--
Non-OPEC	241	10	52	56	98	955	--	20,814	62,702	1,351	671	2,023
Argentina	--	--	--	56	--	4	--	60	60	--	2	2
Aruba	--	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	--	--	--	--	--	--	--	--	--	--
Bahamas	--	--	--	--	--	--	--	--	--	--	--	--
Bahrain	--	--	--	--	--	56	--	56	56	--	2	2
Belgium	36	--	--	--	--	1	--	37	37	--	1	1
Brazil	--	--	--	--	--	--	--	41	2,487	79	1	80
Brunei	--	--	--	--	--	--	--	--	--	--	--	--
Cameroon	--	--	--	--	--	--	--	--	--	--	--	--
Canada	--	--	--	--	98	7	--	109	16,127	517	4	520
Chad	--	--	--	--	--	--	--	--	--	--	--	--
China	--	--	--	--	--	--	--	--	--	--	--	--
Colombia	--	--	--	--	--	--	--	--	4,026	130	--	130
Denmark	--	--	--	--	--	--	--	--	--	--	--	--
Ecuador	--	--	--	--	--	--	--	367	367	--	12	12
Egypt	--	--	--	--	--	--	--	1,330	1,330	--	43	43
Estonia	--	--	--	--	--	--	--	--	--	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--	--	--
France	--	10	13	--	--	3	--	26	26	--	1	1
Germany	--	--	--	--	--	2	--	2	2	--	0	0
Guatemala	--	--	--	--	--	--	--	--	--	--	--	--
India	--	--	--	--	--	--	--	74	74	--	2	2
Indonesia	--	--	--	--	--	91	--	91	91	--	3	3
Italy	--	--	--	--	--	7	--	283	283	--	9	9
Korea, South	41	--	--	--	--	355	--	578	578	--	19	19
Latvia	--	--	--	--	--	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--	--	--	--	--	--
Malaysia	--	--	17	--	--	--	--	17	17	--	1	1
Mexico	142	--	--	--	--	--	--	2,075	18,593	533	67	600
Netherlands	--	--	--	--	--	--	--	--	--	--	--	--
Norway	--	--	--	--	--	--	--	--	--	--	--	--
Oman	--	--	--	--	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	--	--	--	--	--	--
Qatar	--	--	--	--	--	429	--	429	429	--	14	14
Russia	--	--	--	--	--	--	--	12,810	13,528	23	413	436
Spain	--	--	--	--	--	--	--	--	--	--	--	--
Sweden	--	--	--	--	--	--	--	--	--	--	--	--
Syria	--	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	--	--	1,527	49	--	49
United Kingdom	--	--	22	--	--	--	--	22	657	20	1	21
Vietnam	--	--	--	--	--	--	--	--	--	--	--	--
Virgin Islands, U.S.	--	--	--	--	--	--	--	650	650	--	21	21
Yemen	--	--	--	--	--	--	--	--	--	--	--	--
Other	22	0	0	0	0	0	--	1,757	1,757	0	55	57
Total	241	10	52	56	98	1,210	--	21,105	67,872	1,509	681	2,189
Persian Gulf³	--	--	--	--	--	740	--	776	4,705	127	25	152

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Natural Gas Liquids	Refinery Olefins	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	9,105	802	-	-	-	-	-	-	50	50
Canada	9,105	802	-	-	-	-	-	-	50	50
Ecuador	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Other	0	0	-	-	-	-	-	-	0	0
Total	9,105	802	-	-	-	-	-	-	50	50
PAD District 5										
OPEC	7,031	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,409	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	1,036	-	-	-	-	-	-	-	-	-
Nigeria	1,294	-	-	-	-	-	-	-	-	-
Saudi Arabia	2,292	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	20,491	1,815	-	1,070	-	370	370	-	39	39
Argentina	-	55	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Brazil	962	-	-	-	-	-	-	-	-	-
Brunei	1,007	-	-	-	-	-	-	-	-	-
Canada	7,605	1,760	-	26	-	77	77	-	39	39
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,455	-	-	-	-	-	-	-	-	-
Ecuador	4,721	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	1	1	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	188	188	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	397	-	-	324	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Other	4,344	0	-	720	-	104	104	-	0	0
Total	27,522	1,815	-	1,070	-	370	370	-	39	39
Persian Gulf³	4,701	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
PAD District 4											
OPEC	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	27	-	-	158	-	-	-	158
Canada	--	--	-	27	-	-	158	-	-	-	158
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	-	-	0	-	-	-	0
Total	--	--	-	27	-	-	158	-	-	-	158
PAD District 5											
OPEC	--	--	-	-	-	-	-	-	-	-	-
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-	-	-	-	-	-	-	-	-
Saudi Arabia	--	--	-	-	-	-	-	-	-	-	-
United Arab Emirates	--	--	-	-	-	-	-	-	-	-	-
Venezuela	--	--	-	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-	52	771	-	211	-	-	-	211
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	-	-	-	-	-	-	-	-	-
Australia	--	--	-	-	-	-	-	-	-	-	-
Brazil	--	--	-	-	-	-	-	-	-	-	-
Brunei	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-	24	-	-	211	-	-	-	211
China	--	--	-	-	-	-	-	-	-	-	-
Colombia	--	--	-	-	-	-	-	-	-	-	-
Ecuador	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
Germany	--	--	-	-	-	-	-	-	-	-	-
Indonesia	--	--	-	-	-	-	-	-	-	-	-
Japan	--	--	-	-	-	-	-	-	-	-	-
Korea, South	--	--	-	28	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-	-	-	-	-	-	-	-	-
Netherlands	--	--	-	-	-	-	-	-	-	-	-
Oman	--	--	-	-	-	-	-	-	-	-	-
Papua New Guinea	--	--	-	-	-	-	-	-	-	-	-
Peru	--	--	-	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	-	-	-	-	-
Singapore	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-	-	-	-	-	-	-	-	-
Taiwan	--	--	-	-	-	-	-	-	-	-	-
United Kingdom	--	--	-	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-	0	771	-	0	-	-	-	0
Total	--	--	-	52	771	-	211	-	-	-	211
Persian Gulf³	--	--	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			Total
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	
PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	1	-	15	-	-	-	-	-
Canada	-	1	-	15	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Other	-	0	-	0	-	-	-	-	-
Total	-	1	-	15	-	-	-	-	-
PAD District 5									
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	3	-	2,721	-	-	620	57	677
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	3	-	21	-	-	71	57	128
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	2,185	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-
Other	-	0	-	515	-	-	549	0	549
Total	-	3	-	2,721	-	-	620	57	677
Persian Gulf³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-January 2021
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
PAD District 4												
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	45	-	1	1,099	10,204	294	35	329
Canada	-	-	-	-	45	-	1	1,099	10,204	294	35	329
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	0	-	0	0	0	0	0	0
Total	-	-	-	-	45	-	1	1,099	10,204	294	35	329
PAD District 5												
OPEC	-	-	-	-	-	-	-	-	7,031	227	-	227
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	2,409	78	-	78
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	1,036	33	-	33
Nigeria	-	-	-	-	-	-	-	-	1,294	42	-	42
Saudi Arabia	-	-	-	-	-	-	-	-	2,292	74	-	74
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	14	-	60	2	-	7,805	28,296	661	252	913
Argentina	-	-	-	-	-	-	-	55	55	-	2	2
Aruba	-	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	962	31	-	31
Brunei	-	-	-	-	-	-	-	-	1,007	32	-	32
Canada	-	-	-	-	60	2	-	2,351	9,956	245	76	321
China	-	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	1,455	47	-	47
Ecuador	-	-	-	-	-	-	-	-	4,721	152	-	152
Finland	-	-	-	-	-	-	-	1	1	-	0	0
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	2,401	2,401	-	77
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	324	721	13	10	23
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	771	771	-	25	25
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	14	-	-	-	-	14	14	-	0	0
United Kingdom	-	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	0	0	-	1,888	6,232	141	62	203
Total	-	-	14	-	60	2	-	7,805	35,327	888	252	1,140
Persian Gulf³	-	-	-	-	-	-	-	-	4,701	152	-	152

-- = Not Applicable.

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, January 2021
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	749	2,747	93,545	-	1,077	98,117	3,165
Hydrocarbon Gas Liquids	8,312	8,388	56,162	77	872	73,811	2,381
Natural Gas Liquids	8,312	8,388	56,162	77	872	73,811	2,381
Ethane	1,802	2,770	6,113	-	0	10,685	345
Propane	4,233	100	40,581	0	617	45,531	1,469
Normal Butane	2,182	116	9,314	0	252	11,865	383
Isobutane	1	3	50	-	1	54	2
Natural Gasoline	95	5,398	103	77	3	5,676	183
Refinery Olefins	--	--	--	--	--	--	--
Ethylene	--	--	--	--	--	--	--
Propylene	--	--	--	--	--	--	--
Normal Butylene	--	--	--	--	--	--	--
Isobutylene	--	--	--	--	--	--	--
Other Liquids	148	2,429	18,433	24	451	21,484	693
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	118	387	3,454	24	195	4,178	135
Hydrogen	--	--	--	--	--	--	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--
Other Oxygenates	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	118	387	3,454	24	195	4,178	135
Fuel Ethanol	68	357	3,330	24	178	3,956	128
Biodiesel	50	30	124	-	17	222	7
Other Renewable Diesel	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils	26	1,972	13,345	0	41	15,385	496
Naphthas and Lighter	8	1,968	13,076	-	23	15,075	486
Kerosene and Light Gas Oils	18	3	269	0	19	309	10
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	3	70	1,633	-	214	1,921	62
Reformulated	0	-	7	-	1	9	0
Conventional	3	70	1,626	-	213	1,912	62
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	1,550	780	67,713	16	7,122	77,180	2,490
Finished Motor Gasoline	27	206	22,873	1	1,664	24,771	799
Reformulated	-	-	-	-	-	-	-
Conventional	27	206	22,873	1	1,664	24,771	799
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	5	22	2,555	-	305	2,886	93
Kerosene	1	1	228	-	52	282	9
Distillate Fuel Oil	15	57	26,759	-	1,485	28,315	913
15 ppm sulfur and under	14	0	21,770	-	1,353	23,137	746
Greater than 15 ppm to 500 ppm sulfur	0	18	2,669	-	130	2,818	91
Greater than 500 ppm sulfur	1	38	2,319	-	2	2,360	76
Residual Fuel Oil	45	172	1,407	5	665	2,293	74
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	166	178	2,239	9	325	2,916	94
Waxes	62	34	23	0	4	123	4
Petroleum Coke	1,164	40	11,183	-	2,608	14,995	484
Asphalt and Road Oil	50	68	444	1	14	577	19
Miscellaneous Products	15	3	4	-	0	22	1
Total	10,758	14,343	235,852	117	9,521	270,592	8,729

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-January 2021
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	749	2,747	93,545	-	1,077	98,117	3,165
Hydrocarbon Gas Liquids	8,312	8,388	56,162	77	872	73,811	2,381
Natural Gas Liquids	8,312	8,388	56,162	77	872	73,811	2,381
Ethane	1,802	2,770	6,113	-	0	10,685	345
Propane	4,233	103	41,890	0	637	45,531	1,469
Normal Butane	2,252	120	9,614	0	260	11,865	383
Isobutane	1	3	52	-	1	54	2
Natural Gasoline	95	5,398	103	77	3	5,676	183
Refinery Olefins	--	--	--	--	--	--	--
Ethylene	--	--	--	--	--	--	--
Propylene	--	--	--	--	--	--	--
Normal Butylene	--	--	--	--	--	--	--
Isobutylene	--	--	--	--	--	--	--
Other Liquids	148	2,429	18,433	24	451	21,484	693
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	118	387	3,454	24	195	4,178	135
Hydrogen	--	--	--	--	--	--	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--	--
Methyl Tertiary Butyl Ether (MTBE)	--	--	--	--	--	--	--
Other Oxygenates	--	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol) ...	118	387	3,454	24	195	4,178	135
Fuel Ethanol	68	357	3,330	24	178	3,956	128
Biodiesel	50	30	124	-	17	222	7
Other Renewable Diesel	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	-	-	-	-
Unfinished Oils	26	1,972	13,345	0	41	15,385	496
Naphthas and Lighter	8	1,968	13,076	-	23	15,075	486
Kerosene and Light Gas Oils	18	3	269	0	19	309	10
Heavy Gas Oils	-	-	-	-	-	-	-
Residuum	-	-	-	-	-	-	-
Motor Gasoline Blend.Comp. (MGBC)	3	70	1,633	-	214	1,921	62
Reformulated	0	-	7	-	1	9	0
Conventional	3	70	1,626	-	213	1,912	62
Aviation Gasoline Blend. Comp.	-	-	-	-	-	-	-
Finished Petroleum Products	1,550	780	67,713	16	7,122	77,180	2,490
Finished Motor Gasoline	27	206	22,873	1	1,664	24,771	799
Reformulated	-	-	-	-	-	-	-
Conventional	27	206	22,873	1	1,664	24,771	799
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	5	22	2,555	-	305	2,886	93
Kerosene	1	1	228	-	52	282	9
Distillate Fuel Oil	15	57	26,759	-	1,485	28,315	913
15 ppm sulfur and under	14	0	21,770	-	1,353	23,137	746
Greater than 15 ppm to 500 ppm sulfur	0	18	2,669	-	130	2,818	91
Greater than 500 ppm sulfur	1	38	2,319	-	2	2,360	76
Residual Fuel Oil	45	172	1,407	5	665	2,293	74
Naphtha for Petro. Feed. Use	-	-	-	-	-	-	-
Other Oils for Petro. Feed. Use	-	-	-	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	166	178	2,239	9	325	2,916	94
Waxes	62	34	23	0	4	123	4
Petroleum Coke	1,164	40	11,183	-	2,608	14,995	484
Asphalt and Road Oil	50	68	444	1	14	577	19
Miscellaneous Products	15	3	4	-	0	22	1
Total	10,758	14,343	235,852	117	9,521	270,592	8,729

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, January 2021
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	8	0	--	0	--	--	--	--	--	--
Australia	1,480	1	--	0	--	--	--	0	--	0
Bahamas	--	545	--	--	--	117	117	0	0	1
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	1	--	2	--	--	--	--	--	--
Belize	--	--	--	--	--	50	50	--	--	--
Brazil	2,469	890	--	3,273	--	1,594	1,594	--	--	--
Canada	11,244	8,606	--	1,987	--	285	285	--	688	688
Cayman Islands	--	10	--	--	--	129	129	--	--	--
Chile	1,367	1,104	--	1	--	372	372	--	--	--
China	12,086	5,121	--	2	--	3	3	--	--	--
Colombia	550	22	--	873	--	1,500	1,500	--	--	--
Costa Rica	--	191	--	5	--	915	915	--	--	--
Denmark	700	--	--	65	--	--	--	--	--	--
Dominican Republic	487	1,636	--	0	--	210	210	--	--	--
Ecuador	--	1,064	--	309	--	1,206	1,206	--	0	0
Egypt	--	755	--	--	--	--	--	--	--	--
El Salvador	--	302	--	0	--	388	388	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	2,201	--	--	24	--	--	--	--	--	--
Germany	1,492	--	--	4	--	--	--	--	--	--
Ghana	--	--	--	--	--	--	--	--	--	--
Gibraltar	--	75	--	--	--	--	--	--	--	--
Greece	--	--	--	--	--	--	--	--	--	--
Guatemala	--	638	--	0	--	1,358	1,358	--	--	--
Honduras	--	369	--	1	--	419	419	--	0	0
Hong Kong	--	--	--	0	--	--	--	--	--	--
India	14,347	4,391	--	16	--	0	0	--	--	--
Indonesia	--	5,642	--	3	--	--	--	--	--	--
Ireland	1,215	--	--	--	--	--	--	--	--	--
Israel	--	0	--	--	--	--	--	--	--	--
Italy	2,915	745	--	--	--	--	--	--	--	--
Jamaica	--	43	--	0	--	86	86	--	0	0
Japan	--	18,043	--	3,837	--	--	--	1	183	184
Korea, South	9,881	4,423	--	1,984	--	0	0	--	2	2
Lebanon	--	--	--	--	--	--	--	--	--	--
Mexico	--	5,994	--	368	--	12,878	12,878	7	931	938
Montenegro	--	--	--	--	--	--	--	--	--	--
Morocco	--	1,717	--	--	--	--	--	--	--	--
Mozambique	--	--	--	--	--	--	--	--	--	--
Netherlands	4,256	1,091	--	860	--	--	--	--	--	--
New Zealand	--	0	--	0	--	--	--	--	--	--
Nicaragua	378	--	--	--	--	103	103	--	--	--
Nigeria	--	880	--	0	--	500	500	--	--	--
Norway	1,436	1,058	--	393	--	--	--	--	0	0
Pakistan	--	--	--	--	--	--	--	--	--	--
Panama	1,400	58	--	--	--	911	911	0	--	0
Peru	401	505	--	4	--	1,072	1,072	--	106	106
Philippines	--	0	--	--	--	--	--	--	--	--
Portugal	737	964	--	--	--	--	--	--	--	--
Puerto Rico	--	37	--	1	--	2	2	--	1	1
Romania	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--
Singapore	2,997	1,126	--	831	--	--	--	--	--	--
South Africa	--	0	--	--	--	--	--	--	--	--
Spain	2,966	361	--	17	--	--	--	--	--	--
Switzerland	719	972	--	--	--	--	--	--	--	--
Taiwan	5,967	--	--	316	--	--	--	--	0	0
Thailand	3,977	--	--	1	--	--	--	--	--	--
Trinidad and Tobago	--	0	--	0	--	0	0	--	--	--
Turkey	--	1,610	--	0	--	--	--	--	0	0
United Arab Emirates	--	0	--	1	--	--	--	--	0	0
United Kingdom	6,951	1,050	--	0	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Other	3,490	1,771	--	207	--	673	673	1	1	1
Total	98,117	73,811	--	15,385	--	24,771	24,771	9	1,912	1,921

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, January 2021
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	0	--	--	--	0	--	--	--	0
Bahamas	--	--	0	--	--	--	25	--	300	--	325
Bahrain	--	--	0	--	--	--	--	--	--	--	--
Belgium	--	--	1	--	--	--	374	--	--	--	374
Belize	--	--	--	--	--	--	0	--	--	--	0
Brazil	--	--	416	--	--	--	5,209	534	101	--	5,843
Canada	--	--	440	95	--	--	0	566	39	--	605
Cayman Islands	--	--	--	--	--	--	--	--	--	--	--
Chile	--	--	0	--	--	--	1,907	0	--	--	1,907
China	--	--	540	--	--	--	0	--	1	--	1
Colombia	--	--	238	--	--	--	216	--	--	--	216
Costa Rica	--	--	0	--	--	--	508	--	--	--	508
Denmark	--	--	--	--	--	--	--	--	--	--	--
Dominican Republic	--	--	0	--	--	--	332	0	50	--	383
Ecuador	--	--	0	--	--	--	340	157	--	--	497
Egypt	--	--	0	--	--	--	0	--	--	--	0
El Salvador	--	--	--	--	--	--	0	206	113	--	319
Finland	--	--	--	--	--	--	--	--	--	--	--
France	--	--	32	--	--	--	0	--	--	--	0
Germany	--	--	--	1	--	--	--	--	--	--	--
Ghana	--	--	--	--	--	--	--	--	--	--	--
Gibraltar	--	--	--	--	--	--	345	40	645	--	1,030
Greece	--	--	1	--	--	--	--	--	--	--	--
Guatemala	--	--	0	--	--	--	680	247	528	--	1,455
Honduras	--	--	--	--	--	--	453	--	--	--	453
Hong Kong	--	--	0	--	--	--	--	--	--	--	--
India	--	--	1,266	--	--	--	2	--	15	--	16
Indonesia	--	--	0	--	--	--	185	--	--	--	185
Ireland	--	--	0	--	--	--	--	--	--	--	--
Israel	--	--	1	--	--	--	0	--	--	--	0
Italy	--	--	1	--	--	--	--	97	--	--	97
Jamaica	--	--	18	--	--	--	71	--	101	--	172
Japan	--	--	1	--	--	--	2	--	--	--	2
Korea, South	--	--	236	1	--	--	4	--	--	--	4
Lebanon	--	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	35	1	--	--	6,793	--	12	--	6,804
Montenegro	--	--	--	--	--	--	--	--	--	--	--
Morocco	--	--	--	--	--	--	326	--	--	--	326
Mozambique	--	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	0	--	--	--	294	--	--	--	294
New Zealand	--	--	--	--	--	--	--	--	--	--	--
Nicaragua	--	--	--	--	--	--	--	--	178	--	178
Nigeria	--	--	213	--	--	--	--	--	--	--	--
Norway	--	--	18	--	--	--	80	--	--	--	80
Pakistan	--	--	--	--	--	--	--	--	--	--	--
Panama	--	--	--	--	--	--	795	249	--	--	1,044
Peru	--	--	18	40	--	--	2,646	0	--	--	2,646
Philippines	--	--	322	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	0	--	--	--	0
Puerto Rico	--	--	4	--	--	--	--	--	--	--	--
Romania	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	57	--	--	--	2	--	--	--	2
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--	--
Singapore	--	--	10	0	--	--	0	--	--	--	0
South Africa	--	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--	--
Switzerland	--	--	1	--	--	--	--	--	--	--	--
Taiwan	--	--	0	--	--	--	--	--	--	--	--
Thailand	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	243	--	--	--	243
Turkey	--	--	38	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	0	--	--	--	--	--	--	--	--
United Kingdom	--	--	0	--	--	--	--	--	--	--	--
Venezuela	--	--	0	--	--	--	--	--	--	--	--
Other	--	--	49	84	--	--	1,305	722	277	--	2,306
Total	--	--	3,956	222	--	--	23,137	2,818	2,360	--	28,315

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, January 2021
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	—	—	—	—	—
Australia	0	—	—	—	—	—	—	—
Bahamas	—	—	—	127	—	258	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—
Canada	109	—	—	107	—	827	—	—
Cayman Islands	—	—	—	—	—	0	—	—
Chile	—	—	—	188	—	305	—	—
China	—	—	—	—	—	0	—	—
Colombia	0	—	—	—	—	—	—	—
Costa Rica	—	—	—	99	—	—	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	260	—	0	—	—
Ecuador	0	—	—	—	—	—	—	—
Egypt	0	—	—	—	—	—	—	—
El Salvador	0	—	—	47	—	—	—	—
Finland	—	—	—	—	—	0	—	—
France	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	—	—	—	59	—	—	—	—
Honduras	0	—	—	14	—	—	—	—
Hong Kong	—	—	—	—	—	0	—	—
India	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	0	—	—	333	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	—	—	—	60	—	152	—	—
Japan	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—
Lebanon	—	—	—	—	—	—	—	—
Mexico	171	—	—	1,063	—	291	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	42	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	—	—	—	139	—	331	—	—
Peru	—	—	—	194	—	1	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	—	—	—	—	—	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	0	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	0	—	—
Thailand	—	—	—	—	—	0	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	1	—	—	—	—	—	—	—
United Kingdom	0	—	—	—	—	0	—	—
Venezuela	—	—	—	—	—	—	—	—
Other	1	—	—	154	—	128	—	—
Total	282	—	—	2,886	—	2,293	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, January 2021
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	0	—	—	75	—	76	85	0	2	3
Australia	1	155	1	5	—	163	1,643	48	5	53
Bahamas	—	—	1	4	0	1,378	1,378	—	44	44
Bahrain	—	—	—	0	—	0	0	—	0	0
Belgium	0	156	—	508	0	1,042	1,042	—	34	34
Belize	—	—	—	1	—	51	51	—	2	2
Brazil	1	1,041	—	299	1	13,359	15,828	80	431	511
Canada	89	408	114	245	10	14,616	25,860	363	471	834
Cayman Islands	—	—	2	1	—	142	142	—	5	5
Chile	0	—	0	70	—	3,949	5,316	44	127	171
China	2	4,332	0	24	0	10,025	22,112	390	323	713
Colombia	0	—	—	103	0	2,953	3,503	18	95	113
Costa Rica	0	—	42	19	—	1,779	1,779	—	57	57
Denmark	—	161	—	0	—	226	926	23	7	30
Dominican Republic	0	165	41	14	0	2,709	3,196	16	87	103
Ecuador	0	185	—	74	—	3,335	3,335	—	108	108
Egypt	—	291	—	0	—	1,047	1,047	—	34	34
El Salvador	0	—	—	6	—	1,063	1,063	—	34	34
Finland	—	—	—	0	—	1	1	—	0	0
France	0	230	—	1	—	288	2,488	71	9	80
Germany	2	0	0	1	0	9	1,501	48	0	48
Ghana	—	—	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	—	—	1,105	1,105	—	36	36
Greece	—	232	—	0	—	232	232	—	7	7
Guatemala	1	271	—	18	—	3,799	3,799	—	123	123
Honduras	0	0	—	11	0	1,267	1,267	—	41	41
Hong Kong	0	0	—	0	0	1	1	—	0	0
India	1	582	0	232	0	6,504	20,851	463	210	673
Indonesia	0	—	1	1	—	5,832	5,832	—	188	188
Ireland	—	—	—	0	—	0	1,215	39	0	39
Israel	0	134	—	2	—	471	471	—	15	15
Italy	0	699	0	0	—	1,542	4,458	94	50	144
Jamaica	—	—	0	5	0	537	537	—	17	17
Japan	1	1,435	1	5	3	23,511	23,511	—	758	758
Korea, South	0	0	0	5	0	6,656	16,537	319	215	533
Lebanon	—	—	—	0	—	0	0	—	0	0
Mexico	20	1,919	270	900	3	31,656	31,656	—	1,021	1,021
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	275	—	—	—	2,317	2,317	—	75	75
Mozambique	—	105	—	—	—	105	105	—	3	3
Netherlands	2	8	1	4	0	2,260	6,516	137	73	210
New Zealand	—	—	98	1	—	99	99	—	3	3
Nicaragua	—	0	—	3	—	326	704	12	11	23
Nigeria	—	—	—	0	—	1,594	1,594	—	51	51
Norway	—	42	—	0	—	1,591	3,027	46	51	98
Pakistan	—	—	0	0	—	0	0	—	0	0
Panama	0	—	—	13	—	2,496	3,896	45	81	126
Peru	0	—	—	70	—	4,657	5,057	13	150	163
Philippines	0	0	—	1	0	323	323	—	10	10
Portugal	—	—	—	0	—	965	1,702	24	31	55
Puerto Rico	0	—	0	10	—	55	55	—	2	2
Romania	—	—	—	0	—	0	0	—	0	0
Saudi Arabia	0	—	—	4	—	63	63	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	0	—	—	42	—	2,009	5,005	97	65	161
South Africa	—	61	—	14	—	75	75	—	2	2
Spain	0	492	—	2	0	873	3,839	96	28	124
Switzerland	—	—	—	0	—	973	1,692	23	31	55
Taiwan	0	—	0	5	0	322	6,289	192	10	203
Thailand	0	—	0	3	0	5	3,982	128	0	128
Trinidad and Tobago	—	0	—	3	0	246	246	—	8	8
Turkey	0	518	—	20	—	2,186	2,186	—	71	71
United Arab Emirates	0	110	—	19	0	131	131	—	4	4
United Kingdom	0	50	0	1	1	1,103	8,054	224	36	260
Venezuela	—	—	—	2	—	2	2	—	0	0
Other	3	938	5	70	4	6,375	9,865	112	210	320
Total	123	14,995	577	2,916	22	172,475	270,592	3,165	5,564	8,729

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-January 2021
(Thousand Barrels)

Destination	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	8	0	--	0	--	--	--	--	--	--
Australia	1,480	1	--	0	--	--	--	0	--	0
Bahamas	--	545	--	--	--	117	117	0	0	1
Bahrain	--	--	--	--	--	--	--	--	--	--
Belgium	--	1	--	2	--	--	--	--	--	--
Belize	--	--	--	--	--	50	50	--	--	--
Brazil	2,469	890	--	3,273	--	1,594	1,594	--	--	--
Canada	11,244	8,606	--	1,987	--	285	285	--	688	688
Cayman Islands	--	10	--	--	--	129	129	--	--	--
Chile	1,367	1,104	--	1	--	372	372	--	--	--
China	12,086	5,121	--	2	--	3	3	--	--	--
Colombia	550	22	--	873	--	1,500	1,500	--	--	--
Costa Rica	--	191	--	5	--	915	915	--	--	--
Denmark	700	--	--	65	--	--	--	--	--	--
Dominican Republic	487	1,636	--	0	--	210	210	--	--	--
Ecuador	--	1,064	--	309	--	1,206	1,206	--	0	0
Egypt	--	755	--	--	--	--	--	--	--	--
El Salvador	--	302	--	0	--	388	388	--	--	--
Finland	--	--	--	--	--	--	--	--	--	--
France	2,201	--	--	24	--	--	--	--	--	--
Germany	1,492	--	--	4	--	--	--	--	--	--
Ghana	--	--	--	--	--	--	--	--	--	--
Gibraltar	--	75	--	--	--	--	--	--	--	--
Greece	--	--	--	--	--	--	--	--	--	--
Guatemala	--	638	--	0	--	1,358	1,358	--	--	--
Honduras	--	369	--	1	--	419	419	--	0	0
Hong Kong	--	--	--	0	--	--	--	--	--	--
India	14,347	4,391	--	16	--	0	0	--	--	--
Indonesia	--	5,642	--	3	--	--	--	--	--	--
Ireland	1,215	--	--	--	--	--	--	--	--	--
Israel	--	0	--	--	--	--	--	--	--	--
Italy	2,915	745	--	--	--	--	--	--	--	--
Jamaica	--	43	--	0	--	86	86	--	0	0
Japan	--	18,043	--	3,837	--	--	--	1	183	184
Korea, South	9,881	4,423	--	1,984	--	0	0	--	2	2
Lebanon	--	--	--	--	--	--	--	--	--	--
Mexico	--	5,994	--	368	--	12,878	12,878	7	931	938
Montenegro	--	--	--	--	--	--	--	--	--	--
Morocco	--	1,717	--	--	--	--	--	--	--	--
Mozambique	--	--	--	--	--	--	--	--	--	--
Netherlands	4,256	1,091	--	860	--	--	--	--	--	--
New Zealand	--	0	--	0	--	--	--	--	--	--
Nicaragua	378	--	--	--	--	103	103	--	--	--
Nigeria	--	880	--	0	--	500	500	--	--	--
Norway	1,436	1,058	--	393	--	--	--	--	0	0
Pakistan	--	--	--	--	--	--	--	--	--	--
Panama	1,400	58	--	--	--	911	911	0	--	0
Peru	401	505	--	4	--	1,072	1,072	--	106	106
Philippines	--	0	--	--	--	--	--	--	--	--
Portugal	737	964	--	--	--	--	--	--	--	--
Puerto Rico	--	37	--	1	--	2	2	--	1	1
Romania	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	--	--	--	--	--	--	--	--
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--
Singapore	2,997	1,126	--	831	--	--	--	--	--	--
South Africa	--	0	--	--	--	--	--	--	--	--
Spain	2,966	361	--	17	--	--	--	--	--	--
Switzerland	719	972	--	--	--	--	--	--	--	--
Taiwan	5,967	--	--	316	--	--	--	--	0	0
Thailand	3,977	--	--	1	--	--	--	--	--	--
Trinidad and Tobago	--	0	--	0	--	0	0	--	--	--
Turkey	--	1,610	--	0	--	--	--	--	0	0
United Arab Emirates	--	0	--	1	--	--	--	--	0	0
United Kingdom	6,951	1,050	--	0	--	--	--	--	--	--
Venezuela	--	--	--	--	--	--	--	--	--	--
Other	3,490	1,771	--	207	--	673	673	1	1	1
Total	98,117	73,811	--	15,385	--	24,771	24,771	9	1,912	1,921

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-January 2021
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	--	--	--	--	--	--	--	--	--	--	--
Australia	--	--	0	--	--	--	0	--	--	--	0
Bahamas	--	--	0	--	--	--	25	--	300	--	325
Bahrain	--	--	0	--	--	--	--	--	--	--	--
Belgium	--	--	1	--	--	--	374	--	--	--	374
Belize	--	--	--	--	--	--	0	--	--	--	0
Brazil	--	--	416	--	--	--	5,209	534	101	--	5,843
Canada	--	--	440	95	--	--	0	566	39	--	605
Cayman Islands	--	--	--	--	--	--	--	--	--	--	--
Chile	--	--	0	--	--	--	1,907	0	--	--	1,907
China	--	--	540	--	--	--	0	--	1	--	1
Colombia	--	--	238	--	--	--	216	--	--	--	216
Costa Rica	--	--	0	--	--	--	508	--	--	--	508
Denmark	--	--	--	--	--	--	--	--	--	--	--
Dominican Republic	--	--	0	--	--	--	332	0	50	--	383
Ecuador	--	--	0	--	--	--	340	157	--	--	497
Egypt	--	--	0	--	--	--	0	--	--	--	0
El Salvador	--	--	--	--	--	--	0	206	113	--	319
Finland	--	--	--	--	--	--	--	--	--	--	--
France	--	--	32	--	--	--	0	--	--	--	0
Germany	--	--	--	1	--	--	--	--	--	--	--
Ghana	--	--	--	--	--	--	--	--	--	--	--
Gibraltar	--	--	--	--	--	--	345	40	645	--	1,030
Greece	--	--	1	--	--	--	--	--	--	--	--
Guatemala	--	--	0	--	--	--	680	247	528	--	1,455
Honduras	--	--	--	--	--	--	453	--	--	--	453
Hong Kong	--	--	0	--	--	--	--	--	--	--	--
India	--	--	1,266	--	--	--	2	--	15	--	16
Indonesia	--	--	0	--	--	--	185	--	--	--	185
Ireland	--	--	0	--	--	--	--	--	--	--	--
Israel	--	--	1	--	--	--	0	--	--	--	0
Italy	--	--	1	--	--	--	--	97	--	--	97
Jamaica	--	--	18	--	--	--	71	--	101	--	172
Japan	--	--	1	--	--	--	2	--	--	--	2
Korea, South	--	--	236	1	--	--	4	--	--	--	4
Lebanon	--	--	--	--	--	--	--	--	--	--	--
Mexico	--	--	35	1	--	--	6,793	--	12	--	6,804
Montenegro	--	--	--	--	--	--	--	--	--	--	--
Morocco	--	--	--	--	--	--	326	--	--	--	326
Mozambique	--	--	--	--	--	--	--	--	--	--	--
Netherlands	--	--	0	--	--	--	294	--	--	--	294
New Zealand	--	--	--	--	--	--	--	--	--	--	--
Nicaragua	--	--	--	--	--	--	--	--	178	--	178
Nigeria	--	--	213	--	--	--	--	--	--	--	--
Norway	--	--	18	--	--	--	80	--	--	--	80
Pakistan	--	--	--	--	--	--	--	--	--	--	--
Panama	--	--	--	--	--	--	795	249	--	--	1,044
Peru	--	--	18	40	--	--	2,646	0	--	--	2,646
Philippines	--	--	322	--	--	--	--	--	--	--	--
Portugal	--	--	--	--	--	--	0	--	--	--	0
Puerto Rico	--	--	4	--	--	--	--	--	--	--	--
Romania	--	--	--	--	--	--	--	--	--	--	--
Saudi Arabia	--	--	57	--	--	--	2	--	--	--	2
Serbia (Excludes Kosovo) ..	--	--	--	--	--	--	--	--	--	--	--
Singapore	--	--	10	0	--	--	0	--	--	--	0
South Africa	--	--	--	--	--	--	--	--	--	--	--
Spain	--	--	--	--	--	--	--	--	--	--	--
Switzerland	--	--	1	--	--	--	--	--	--	--	--
Taiwan	--	--	0	--	--	--	--	--	--	--	--
Thailand	--	--	--	--	--	--	--	--	--	--	--
Trinidad and Tobago	--	--	--	--	--	--	243	--	--	--	243
Turkey	--	--	38	--	--	--	--	--	--	--	--
United Arab Emirates	--	--	0	--	--	--	--	--	--	--	--
United Kingdom	--	--	0	--	--	--	--	--	--	--	--
Venezuela	--	--	0	--	--	--	--	--	--	--	--
Other	--	--	49	84	--	--	1,305	722	277	--	2,306
Total	--	--	3,956	222	--	--	23,137	2,818	2,360	--	28,315

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-January 2021
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	—	—	—	—	—
Australia	0	—	—	—	—	—	—	—
Bahamas	—	—	—	127	—	258	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—
Belize	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—
Canada	109	—	—	107	—	827	—	—
Cayman Islands	—	—	—	—	—	0	—	—
Chile	—	—	—	188	—	305	—	—
China	—	—	—	—	—	0	—	—
Colombia	0	—	—	—	—	—	—	—
Costa Rica	—	—	—	99	—	—	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	260	—	0	—	—
Ecuador	0	—	—	—	—	—	—	—
Egypt	0	—	—	—	—	—	—	—
El Salvador	0	—	—	47	—	—	—	—
Finland	—	—	—	—	—	0	—	—
France	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—
Guatemala	—	—	—	59	—	—	—	—
Honduras	0	—	—	14	—	—	—	—
Hong Kong	—	—	—	—	—	0	—	—
India	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	0	—	—	333	—	—	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	—	—	—	60	—	152	—	—
Japan	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—
Lebanon	—	—	—	—	—	—	—	—
Mexico	171	—	—	1,063	—	291	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	—
Nicaragua	—	—	—	42	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	—	—	—	139	—	331	—	—
Peru	—	—	—	194	—	1	—	—
Philippines	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	—	—	—	—	—	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	—	0	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—
Switzerland	—	—	—	—	—	—	—	—
Taiwan	—	—	—	—	—	0	—	—
Thailand	—	—	—	—	—	0	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	1	—	—	—	—	—	—	—
United Kingdom	0	—	—	—	—	0	—	—
Venezuela	—	—	—	—	—	—	—	—
Other	1	—	—	154	—	128	—	—
Total	282	—	—	2,886	—	2,293	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-January 2021
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	0	—	—	75	—	76	85	0	2	3
Australia	1	155	1	5	—	163	1,643	48	5	53
Bahamas	—	—	1	4	0	1,378	1,378	—	44	44
Bahrain	—	—	—	0	—	0	0	—	0	0
Belgium	0	156	—	508	0	1,042	1,042	—	34	34
Belize	—	—	—	1	—	51	51	—	2	2
Brazil	1	1,041	—	299	1	13,359	15,828	80	431	511
Canada	89	408	114	245	10	14,616	25,860	363	471	834
Cayman Islands	—	—	2	1	—	142	142	—	5	5
Chile	0	—	0	70	—	3,949	5,316	44	127	171
China	2	4,332	0	24	0	10,025	22,112	390	323	713
Colombia	0	—	—	103	0	2,953	3,503	18	95	113
Costa Rica	0	—	42	19	—	1,779	1,779	—	57	57
Denmark	—	161	—	0	—	226	926	23	7	30
Dominican Republic	0	165	41	14	0	2,709	3,196	16	87	103
Ecuador	0	185	—	74	—	3,335	3,335	—	108	108
Egypt	—	291	—	0	—	1,047	1,047	—	34	34
El Salvador	0	—	—	6	—	1,063	1,063	—	34	34
Finland	—	—	—	0	—	1	1	—	0	0
France	0	230	—	1	—	288	2,488	71	9	80
Germany	2	0	0	1	0	9	1,501	48	0	48
Ghana	—	—	—	0	—	0	0	—	0	0
Gibraltar	—	—	—	—	—	1,105	1,105	—	36	36
Greece	—	232	—	0	—	232	232	—	7	7
Guatemala	1	271	—	18	—	3,799	3,799	—	123	123
Honduras	0	0	—	11	0	1,267	1,267	—	41	41
Hong Kong	0	0	—	0	0	1	1	—	0	0
India	1	582	0	232	0	6,504	20,851	463	210	673
Indonesia	0	—	1	1	—	5,832	5,832	—	188	188
Ireland	—	—	—	0	—	0	1,215	39	0	39
Israel	0	134	—	2	—	471	471	—	15	15
Italy	0	699	0	0	—	1,542	4,458	94	50	144
Jamaica	—	—	0	5	0	537	537	—	17	17
Japan	1	1,435	1	5	3	23,511	23,511	—	758	758
Korea, South	0	0	0	5	0	6,656	16,537	319	215	533
Lebanon	—	—	—	0	—	0	0	—	0	0
Mexico	20	1,919	270	900	3	31,656	31,656	—	1,021	1,021
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	275	—	—	—	2,317	2,317	—	75	75
Mozambique	—	105	—	—	—	105	105	—	3	3
Netherlands	2	8	1	4	0	2,260	6,516	137	73	210
New Zealand	—	—	98	1	—	99	99	—	3	3
Nicaragua	—	0	—	3	—	326	704	12	11	23
Nigeria	—	—	—	0	—	1,594	1,594	—	51	51
Norway	—	42	—	0	—	1,591	3,027	46	51	98
Pakistan	—	—	0	0	—	0	0	—	0	0
Panama	0	—	—	13	—	2,496	3,896	45	81	126
Peru	0	—	—	70	—	4,657	5,057	13	150	163
Philippines	0	0	—	1	0	323	323	—	10	10
Portugal	—	—	—	0	—	965	1,702	24	31	55
Puerto Rico	0	—	0	10	—	55	55	—	2	2
Romania	—	—	—	0	—	0	0	—	0	0
Saudi Arabia	0	—	—	4	—	63	63	—	2	2
Serbia (Excludes Kosovo) ..	—	—	—	—	—	—	—	—	—	—
Singapore	0	—	—	42	—	2,009	5,005	97	65	161
South Africa	—	61	—	14	—	75	75	—	2	2
Spain	0	492	—	2	0	873	3,839	96	28	124
Switzerland	—	—	—	0	—	973	1,692	23	31	55
Taiwan	0	—	0	5	0	322	6,289	192	10	203
Thailand	0	—	0	3	0	5	3,982	128	0	128
Trinidad and Tobago	—	0	—	3	0	246	246	—	8	8
Turkey	0	518	—	20	—	2,186	2,186	—	71	71
United Arab Emirates	0	110	—	19	0	131	131	—	4	4
United Kingdom	0	50	0	1	1	1,103	8,054	224	36	260
Venezuela	—	—	—	2	—	2	2	—	0	0
Other	3	938	5	70	4	6,375	9,865	112	210	320
Total	123	14,995	577	2,916	22	172,475	270,592	3,165	5,564	8,729

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2021
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	510	-28	-	0	-	-16	-16	-	19	19
Algeria	24	-	-	0	-	-	-	-	-	-
Angola	30	-	-	-	-	-	-	-	10	10
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	89	-	-	-	-	-	-	-	-	-
Kuwait	-	0	-	-	-	-	-	-	-	-
Libya	33	-	-	-	-	-	-	-	-	-
Nigeria	127	-28	-	0	-	-16	-16	-	9	9
Saudi Arabia	207	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	-	0	-	-	-	-	0	0
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	2,108	-2,136	19	41	-	-743	-743	167	230	396
Argentina	0	2	-	0	-	-	-	-	-	-
Aruba	-	0	-	-	-	-2	-2	-	-	-
Australia	-48	0	-	0	-	-	-	0	-	0
Bahamas	-	-18	-	-	-	-4	-4	0	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	-	0	-	-	-	-	9	9
Brazil	30	-29	-	-106	-	-51	-51	-	11	11
Brunei	32	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,474	-63	19	-63	-	2	2	122	24	146
Chad	-	-	-	-	-	-	-	-	-	-
China	-390	-165	-	0	-	0	0	-	-	-
Colombia	159	-1	-	-28	-	-48	-48	-	-	-
Denmark	-23	-	-	-2	-	-	-	-	-	-
Dominican Republic	-16	-53	-	0	-	-7	-7	-	-	-
Ecuador	152	-34	-	2	-	-39	-39	-	0	0
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	0	0	-	18	18
France	-71	-	-	-1	-	-	-	3	18	21
Germany	-48	-	-	0	-	-	-	-	0	0
Guatemala	-	-21	-	0	-	-44	-44	-	-	-
Honduras	-	-12	-	0	-	-14	-14	-	0	0
India	-463	-142	-	-1	-	0	0	-	36	36
Indonesia	-	-182	-	0	-	-	-	-	-	-
Italy	-94	-24	-	-	-	9	9	-	18	18
Japan	-	-582	-	-124	-	-	-	0	-6	-6
Korea, South	-319	-143	-	-64	-	6	6	-	0	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	631	-193	-	26	-	-415	-415	0	-30	-30
Netherlands	-137	-35	-	-28	-	-	-	21	18	39
Norway	-15	-34	-	-13	-	-	-	-	0	0
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-45	-2	-	-	-	-29	-29	0	-	0
Portugal	-24	-31	-	-	-	-	-	-	27	27
Puerto Rico	-	-1	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	102	-	-	418	-	12	12	-	24	24
Spain	-96	-12	-	-1	-	-	-	-	18	18
Sweden	-23	-	-	-	-	0	0	-	7	7
Trinidad and Tobago	49	0	-	0	-	0	0	-	-	-
United Kingdom	-204	-34	-	0	-	-	-	21	-	21
Vietnam	-	0	-	-	-	0	0	-	-	-
Virgin Islands, U.S.	-89	-2	-	21	-	-3	-3	-	2	2
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-416	-325	0	5	-	-116	-116	0	36	35
Total	2,618	-2,164	19	40	-	-759	-759	167	249	416
Persian Gulf²	296	0	-	0	-	-	-	-	0	0

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2021
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-9	-	-	-	57	-	-	-	57
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	0	-	-	-	0
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-7	-	-	-	9	-	-	-	9
Saudi Arabia	--	--	-2	-	-	-	28	-	-	-	28
United Arab Emirates	--	--	0	-	-	-	20	-	-	-	20
Venezuela	--	--	0	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-119	0	25	-	-446	-91	-63	-	-600
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	0	-	-	-	0	-	-	-	0
Australia	--	--	0	-	-	-	0	-	-	-	0
Bahamas	--	--	0	-	-	-	-1	-	-10	-	-10
Bahrain	--	--	0	-	-	-	-	-	-	-	-
Belgium	--	--	0	-	-	-	6	-	-	-	6
Brazil	--	--	-13	-	-	-	-168	-17	-3	-	-188
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-14	3	-	-	145	-18	-1	-	125
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-17	-	-	-	0	-	0	-	0
Colombia	--	--	-8	-	-	-	13	-	-	-	13
Denmark	--	--	-	-	-	-	-	-	-	-	-
Dominican Republic	--	--	0	-	-	-	-11	0	-2	-	-12
Ecuador	--	--	0	-	-	-	-11	-5	-	-	-16
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-1	-	-	-	0	-	-	-	0
Germany	--	--	-	0	-	-	-	-	-	-	-
Guatemala	--	--	0	-	-	-	-22	-8	-17	-	-47
Honduras	--	--	-	-	-	-	-15	-	-	-	-15
India	--	--	-41	-	-	-	23	-	0	-	22
Indonesia	--	--	0	-	-	-	-6	-	-	-	-6
Italy	--	--	0	-	-	-	-	-3	-	-	-3
Japan	--	--	0	-	-	-	0	-	-	-	0
Korea, South	--	--	-8	1	-	-	0	-	-	-	0
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-1	0	-	-	-219	-	0	-	-219
Netherlands	--	--	0	-	-	-	19	-	-	-	19
Norway	--	--	-1	-	-	-	-3	-	-	-	-3
Oman	--	--	-	-	-	-	39	-	-	-	39
Panama	--	--	-	-	-	-	-26	-8	-	-	-34
Portugal	--	--	-	-	-	-	0	-	-	-	0
Puerto Rico	--	--	0	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	5	-	-	-	5
Russia	--	--	-	-	-	-	22	-	-	-	22
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-2	-	-	-	-3	-	-	-	-3
Trinidad and Tobago	--	--	-	-	-	-	-8	-	-	-	-8
United Kingdom	--	--	0	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	--	--	-	-	-	-	-8	-5	13	-	0
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-13	-4	25	-	-217	-27	-43	-	-287
Total	--	--	-128	0	25	-	-389	-91	-63	-	-543
Persian Gulf²	--	--	-2	-	-	-	53	-	-	-	53

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2021
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	0	-	-	6	1	-	-	-
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	1	-	-	-
United Arab Emirates	0	-	-	6	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-9	0	-	26	9	131	11	2
Argentina	-	-	-	-	-	-	-	-
Aruba	-	-	-	-2	-	-	-	-
Australia	0	-	-	-	-	-	-	-
Bahamas	-	-	-	-4	-	-8	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	1	-
Brazil	-	-	-	-	-	0	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-4	0	-	9	0	-19	3	2
Chad	-	-	-	-	-	-	-	-
China	-	-	-	-	-	0	-	-
Colombia	0	-	-	2	-	6	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-8	-	0	-	-
Ecuador	0	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	0	-	-
France	-	-	-	-	-	-	-	0
Germany	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-2	-	-	-	-
Honduras	0	-	-	0	-	-	-	-
India	-	-	-	17	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	17	-	-	-	-
Japan	-	-	-	-	3	-	1	-
Korea, South	-	-	-	70	6	-	1	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-
Mexico	-6	-	-	-34	-	64	5	-
Netherlands	-	-	-	-	-	8	-	-
Norway	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-
Panama	-	-	-	-4	-	-11	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-
Qatar	0	-	-	-	-	0	-	-
Russia	-	-	-	-	-	71	-	-
Spain	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-
United Kingdom	0	-	-	-	-	0	-	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	1	0	-	-35	0	20	0	0
Total	-9	0	-	31	10	131	11	2
Persian Gulf²	0	-	-	6	1	0	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, January 2021
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-4	--	8	0	34	545
Algeria	--	--	--	0	--	0	24
Angola	--	--	--	--	--	10	40
Congo (Brazzaville)	--	--	--	--	--	--	--
Equatorial Guinea	--	--	--	0	--	0	0
Gabon	--	--	--	--	--	0	0
Iran	--	--	--	--	--	--	--
Iraq	--	--	--	0	--	0	89
Kuwait	--	--	--	0	--	0	0
Libya	--	--	--	0	--	0	33
Nigeria	--	--	--	0	--	-34	94
Saudi Arabia	0	--	--	1	--	29	235
United Arab Emirates	0	-4	--	7	0	29	29
Venezuela	--	--	--	0	--	0	0
Non-OPEC	1	-477	9	-51	-1	-3,466	-1,358
Argentina	0	2	--	-2	--	1	1
Aruba	--	--	--	0	--	-5	-5
Australia	0	-5	0	0	--	-5	-53
Bahamas	--	--	0	0	0	-44	-44
Bahrain	--	--	--	2	--	2	2
Belgium	0	-5	--	-16	0	-5	-5
Brazil	0	-34	--	-10	0	-419	-389
Brunei	--	--	--	--	--	--	32
Cameroon	--	-1	--	0	--	-1	-1
Canada	0	-12	24	2	0	160	3,634
Chad	--	--	--	0	--	0	0
China	0	-140	0	-1	0	-323	-713
Colombia	0	--	--	-3	0	-67	92
Denmark	--	-5	--	0	--	-7	-30
Dominican Republic	0	-5	-1	0	0	-87	-103
Ecuador	0	-6	--	-2	--	-96	57
Estonia	--	--	--	--	--	--	--
Finland	--	--	--	0	--	18	18
France	0	-7	--	0	--	13	-58
Germany	0	0	0	0	0	0	-48
Guatemala	0	-9	--	-1	--	-123	-123
Honduras	0	0	--	0	0	-41	-41
India	0	-19	0	-7	0	-134	-597
Indonesia	0	--	0	3	--	-185	-185
Italy	0	-23	0	0	--	-5	-99
Japan	0	-46	0	0	0	-755	-755
Korea, South	0	0	0	12	0	-118	-437
Latvia	--	--	--	--	--	--	--
Lithuania	--	--	--	--	--	--	--
Malaysia	1	--	0	0	--	1	1
Mexico	-1	-62	-9	-29	0	-905	-274
Netherlands	0	0	0	0	0	2	-135
Norway	--	-1	--	0	--	-51	-67
Oman	--	-2	--	0	--	37	37
Panama	0	--	--	0	--	-81	-126
Portugal	--	--	--	0	--	-4	-27
Puerto Rico	0	--	0	0	--	-2	-2
Qatar	0	-4	--	14	--	15	15
Russia	0	--	0	0	--	547	648
Spain	0	-16	--	0	0	-10	-106
Sweden	--	0	--	0	0	2	-21
Trinidad and Tobago	--	0	--	0	0	-8	41
United Kingdom	1	-2	0	0	0	-14	-217
Vietnam	--	0	0	0	--	0	0
Virgin Islands, U.S.	--	--	--	0	--	18	-72
Yemen	--	--	--	--	--	--	--
Other	0	-75	-5	-13	-1	-787	-1,203
Total	1	-480	9	-43	-1	-3,432	-814
Persian Gulf²	0	-7	--	24	0	74	370

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-January 2021
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Natural Gas Liquids	Refinery Olefins	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	510	-28	-	0	-	-16	-16	-	19	19
Algeria	24	-	-	0	-	-	-	-	-	-
Angola	30	-	-	-	-	-	-	-	10	10
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	89	-	-	-	-	-	-	-	-	-
Kuwait	-	0	-	-	-	-	-	-	-	-
Libya	33	-	-	-	-	-	-	-	-	-
Nigeria	127	-28	-	0	-	-16	-16	-	9	9
Saudi Arabia	207	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	0	-	0	-	-	-	-	0	0
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	2,108	-2,136	19	41	-	-743	-743	167	230	396
Argentina	0	2	-	0	-	-	-	-	-	-
Aruba	-	0	-	-	-	-2	-2	-	-	-
Australia	-48	0	-	0	-	-	-	0	-	0
Bahamas	-	-18	-	-	-	-4	-4	0	0	0
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	0	-	0	-	-	-	-	9	9
Brazil	30	-29	-	-106	-	-51	-51	-	11	11
Brunei	32	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	3,474	-63	19	-63	-	2	2	122	24	146
Chad	-	-	-	-	-	-	-	-	-	-
China	-390	-165	-	0	-	0	0	-	-	-
Colombia	159	-1	-	-28	-	-48	-48	-	-	-
Denmark	-23	-	-	-2	-	-	-	-	-	-
Dominican Republic	-16	-53	-	0	-	-7	-7	-	-	-
Ecuador	152	-34	-	2	-	-39	-39	-	0	0
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	0	0	-	18	18
France	-71	-	-	-1	-	-	-	3	18	21
Germany	-48	-	-	0	-	-	-	-	0	0
Guatemala	-	-21	-	0	-	-44	-44	-	-	-
Honduras	-	-12	-	0	-	-14	-14	-	0	0
India	-463	-142	-	-1	-	0	0	-	36	36
Indonesia	-	-182	-	0	-	-	-	-	-	-
Italy	-94	-24	-	-	-	9	9	-	18	18
Japan	-	-582	-	-124	-	-	-	0	-6	-6
Korea, South	-319	-143	-	-64	-	6	6	-	0	0
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	631	-193	-	26	-	-415	-415	0	-30	-30
Netherlands	-137	-35	-	-28	-	-	-	21	18	39
Norway	-15	-34	-	-13	-	-	-	-	0	0
Oman	-	-	-	0	-	-	-	-	-	-
Panama	-45	-2	-	-	-	-29	-29	0	-	0
Portugal	-24	-31	-	-	-	-	-	-	27	27
Puerto Rico	-	-1	-	0	-	0	0	-	0	0
Qatar	-	-	-	-	-	-	-	-	-	-
Russia	102	-	-	418	-	12	12	-	24	24
Spain	-96	-12	-	-1	-	-	-	-	18	18
Sweden	-23	-	-	-	-	0	0	-	7	7
Trinidad and Tobago	49	0	-	0	-	0	0	-	-	-
United Kingdom	-204	-34	-	0	-	-	-	21	-	21
Vietnam	-	0	-	-	-	0	0	-	-	-
Virgin Islands, U.S.	-89	-2	-	21	-	-3	-3	-	2	2
Yemen	-	-	-	-	-	-	-	-	-	-
Other	-416	-325	0	5	-	-116	-116	0	36	35
Total	2,618	-2,164	19	40	-	-759	-759	167	249	416
Persian Gulf²	296	0	-	0	-	-	-	-	0	0

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-January 2021
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	--	--	-9	-	-	-	57	-	-	-	57
Algeria	--	--	-	-	-	-	-	-	-	-	-
Angola	--	--	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	--	--	-	-	-	-	-	-	-	-	-
Equatorial Guinea	--	--	-	-	-	-	-	-	-	-	-
Gabon	--	--	-	-	-	-	0	-	-	-	0
Iran	--	--	-	-	-	-	-	-	-	-	-
Iraq	--	--	-	-	-	-	-	-	-	-	-
Kuwait	--	--	-	-	-	-	-	-	-	-	-
Libya	--	--	-	-	-	-	-	-	-	-	-
Nigeria	--	--	-7	-	-	-	9	-	-	-	9
Saudi Arabia	--	--	-2	-	-	-	28	-	-	-	28
United Arab Emirates	--	--	0	-	-	-	20	-	-	-	20
Venezuela	--	--	0	-	-	-	-	-	-	-	-
Non-OPEC	--	--	-119	0	25	-	-446	-91	-63	-	-600
Argentina	--	--	-	-	-	-	-	-	-	-	-
Aruba	--	--	0	-	-	-	0	-	-	-	0
Australia	--	--	0	-	-	-	0	-	-	-	0
Bahamas	--	--	0	-	-	-	-1	-	-10	-	-10
Bahrain	--	--	0	-	-	-	-	-	-	-	-
Belgium	--	--	0	-	-	-	6	-	-	-	6
Brazil	--	--	-13	-	-	-	-168	-17	-3	-	-188
Brunei	--	--	-	-	-	-	-	-	-	-	-
Cameroon	--	--	-	-	-	-	-	-	-	-	-
Canada	--	--	-14	3	-	-	145	-18	-1	-	125
Chad	--	--	-	-	-	-	-	-	-	-	-
China	--	--	-17	-	-	-	0	-	0	-	0
Colombia	--	--	-8	-	-	-	13	-	-	-	13
Denmark	--	--	-	-	-	-	-	-	-	-	-
Dominican Republic	--	--	0	-	-	-	-11	0	-2	-	-12
Ecuador	--	--	0	-	-	-	-11	-5	-	-	-16
Estonia	--	--	-	-	-	-	-	-	-	-	-
Finland	--	--	-	-	-	-	-	-	-	-	-
France	--	--	-1	-	-	-	0	-	-	-	0
Germany	--	--	-	0	-	-	-	-	-	-	-
Guatemala	--	--	0	-	-	-	-22	-8	-17	-	-47
Honduras	--	--	-	-	-	-	-15	-	-	-	-15
India	--	--	-41	-	-	-	23	-	0	-	22
Indonesia	--	--	0	-	-	-	-6	-	-	-	-6
Italy	--	--	0	-	-	-	-	-3	-	-	-3
Japan	--	--	0	-	-	-	0	-	-	-	0
Korea, South	--	--	-8	1	-	-	0	-	-	-	0
Latvia	--	--	-	-	-	-	-	-	-	-	-
Lithuania	--	--	-	-	-	-	-	-	-	-	-
Malaysia	--	--	-	-	-	-	-	-	-	-	-
Mexico	--	--	-1	0	-	-	-219	-	0	-	-219
Netherlands	--	--	0	-	-	-	19	-	-	-	19
Norway	--	--	-1	-	-	-	-3	-	-	-	-3
Oman	--	--	-	-	-	-	39	-	-	-	39
Panama	--	--	-	-	-	-	-26	-8	-	-	-34
Portugal	--	--	-	-	-	-	0	-	-	-	0
Puerto Rico	--	--	0	-	-	-	-	-	-	-	-
Qatar	--	--	-	-	-	-	5	-	-	-	5
Russia	--	--	-	-	-	-	22	-	-	-	22
Spain	--	--	-	-	-	-	-	-	-	-	-
Sweden	--	--	-2	-	-	-	-3	-	-	-	-3
Trinidad and Tobago	--	--	-	-	-	-	-8	-	-	-	-8
United Kingdom	--	--	0	-	-	-	-	-	-	-	-
Vietnam	--	--	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	--	--	-	-	-	-	-8	-5	13	-	0
Yemen	--	--	-	-	-	-	-	-	-	-	-
Other	--	--	-13	-4	25	-	-217	-27	-43	-	-287
Total	--	--	-128	0	25	-	-389	-91	-63	-	-543
Persian Gulf²	--	--	-2	-	-	-	53	-	-	-	53

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-January 2021
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	0	-	-	6	1	-	-	-
Algeria	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	0	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	1	-	-	-
United Arab Emirates	0	-	-	6	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-
Non-OPEC	-9	0	-	26	9	131	11	2
Argentina	-	-	-	-	-	-	-	-
Aruba	-	-	-	-2	-	-	-	-
Australia	0	-	-	-	-	-	-	-
Bahamas	-	-	-	-4	-	-8	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	1	-
Brazil	-	-	-	-	-	0	-	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-4	0	-	9	0	-19	3	2
Chad	-	-	-	-	-	-	-	-
China	-	-	-	-	-	0	-	-
Colombia	0	-	-	2	-	6	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-8	-	0	-	-
Ecuador	0	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	0	-	-
France	-	-	-	-	-	-	-	0
Germany	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-2	-	-	-	-
Honduras	0	-	-	0	-	-	-	-
India	-	-	-	17	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	17	-	-	-	-
Japan	-	-	-	-	3	-	1	-
Korea, South	-	-	-	70	6	-	1	-
Latvia	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-
Malaysia	0	-	-	-	-	-	-	-
Mexico	-6	-	-	-34	-	64	5	-
Netherlands	-	-	-	-	-	8	-	-
Norway	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-
Panama	-	-	-	-4	-	-11	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	-	-	-	-
Qatar	0	-	-	-	-	0	-	-
Russia	-	-	-	-	-	71	-	-
Spain	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-
United Kingdom	0	-	-	-	-	0	-	-
Vietnam	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-
Other	1	0	-	-35	0	20	0	0
Total	-9	0	-	31	10	131	11	2
Persian Gulf²	0	-	-	6	1	0	-	-

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-January 2021
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-4	-	8	0	34	545
Algeria	-	-	-	0	-	0	24
Angola	-	-	-	-	-	10	40
Congo (Brazzaville)	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	0	-	0	0
Gabon	-	-	-	-	-	0	0
Iran	-	-	-	-	-	-	-
Iraq	-	-	-	0	-	0	89
Kuwait	-	-	-	0	-	0	0
Libya	-	-	-	0	-	0	33
Nigeria	-	-	-	0	-	-34	94
Saudi Arabia	0	-	-	1	-	29	235
United Arab Emirates	0	-4	-	7	0	29	29
Venezuela	-	-	-	0	-	0	0
Non-OPEC	1	-477	9	-51	-1	-3,466	-1,358
Argentina	0	2	-	-2	-	1	1
Aruba	-	-	-	0	-	-5	-5
Australia	0	-5	0	0	-	-5	-53
Bahamas	-	-	0	0	0	-44	-44
Bahrain	-	-	-	2	-	2	2
Belgium	0	-5	-	-16	0	-5	-5
Brazil	0	-34	-	-10	0	-419	-389
Brunei	-	-	-	0	-	-	32
Cameroon	-	-1	-	0	-	-1	-1
Canada	0	-12	24	2	0	160	3,634
Chad	-	-	-	0	-	0	0
China	0	-140	0	-1	0	-323	-713
Colombia	0	-	-	-3	0	-67	92
Denmark	-	-5	-	0	-	-7	-30
Dominican Republic	0	-5	-1	0	0	-87	-103
Ecuador	0	-6	-	-2	-	-96	57
Estonia	-	-	-	-	-	-	-
Finland	-	-	-	0	-	18	18
France	0	-7	-	0	-	13	-58
Germany	0	0	0	0	0	0	-48
Guatemala	0	-9	-	-1	-	-123	-123
Honduras	0	0	-	0	0	-41	-41
India	0	-19	0	-7	0	-134	-597
Indonesia	0	-	0	3	-	-185	-185
Italy	0	-23	0	0	-	-5	-99
Japan	0	-46	0	0	0	-755	-755
Korea, South	0	0	0	12	0	-118	-437
Latvia	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-
Malaysia	1	-	0	0	-	1	1
Mexico	-1	-62	-9	-29	0	-905	-274
Netherlands	0	0	0	0	0	2	-135
Norway	-	-1	-	0	-	-51	-67
Oman	-	-2	-	0	-	37	37
Panama	0	-	-	0	-	-81	-126
Portugal	-	-	-	0	-	-4	-27
Puerto Rico	0	-	0	0	-	-2	-2
Qatar	0	-4	-	14	-	15	15
Russia	0	-	0	0	-	547	648
Spain	0	-16	-	0	0	-10	-106
Sweden	-	0	-	0	0	2	-21
Trinidad and Tobago	-	0	-	0	0	-8	41
United Kingdom	1	-2	0	0	0	-14	-217
Vietnam	-	0	0	0	-	0	0
Virgin Islands, U.S.	-	-	-	0	-	18	-72
Yemen	-	-	-	-	-	-	-
Other	0	-75	-5	-13	-1	-787	-1,203
Total	1	-480	9	-43	-1	-3,432	-814
Persian Gulf²	0	-7	-	24	0	74	370

-- = Not Applicable.

- = No Data Reported.

¹ On December 18, 2015, the U.S. enacted legislation authorizing the export of U.S. crude oil without a license. Exports to embargoed or sanctioned countries continue to require authorization.

² Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Sources: U.S. Census Bureau and EIA estimates.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, January 2021
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	10,178	136,378	895,355	24,769	47,258	1,113,938
Refinery	5,934	12,953	46,344	2,308	18,500	86,039
Tank Farms and Pipelines (Includes Cushing, OK)	4,244	123,425	210,926	22,461	26,574	387,630
Cushing, Oklahoma	--	49,424	--	--	--	49,424
Leases	--	--	--	--	--	--
Strategic Petroleum Reserve ¹	--	--	638,085	--	--	638,085
Alaskan In Transit	--	--	--	--	2,184	2,184
Total Stocks, All Oils (excluding Crude Oil)²	175,420	173,033	387,353	24,582	93,822	854,210
Refinery	11,441	44,921	117,887	10,828	45,595	230,672
Bulk Terminal	136,139	89,476	209,275	7,096	43,260	485,246
Pipeline	26,839	37,437	59,185	6,467	4,676	134,604
Natural Gas Processing Plant	1,001	1,199	1,006	191	291	3,688
Natural Gas Liquids	10,327	40,580	129,787	5,544	4,061	190,299
Refinery	342	2,972	4,495	276	1,314	9,399
Bulk Terminal	6,992	18,602	102,713	601	2,456	131,364
Pipeline	1,992	17,807	21,573	4,476	--	45,848
Natural Gas Processing Plant	1,001	1,199	1,006	191	291	3,688
Ethane	1,205	6,443	55,437	1,228	--	64,313
Refinery	--	--	113	--	--	113
Bulk Terminal	619	2,707	47,174	--	--	50,500
Pipeline	524	3,549	8,125	1,224	--	13,422
Natural Gas Processing Plant	62	187	25	4	--	278
Propane	6,646	14,685	28,268	2,304	1,939	53,842
Refinery	73	751	503	42	80	1,449
Bulk Terminal	5,159	9,727	20,650	532	1,708	37,776
Pipeline	1,134	3,734	7,018	1,643	--	13,529
Natural Gas Processing Plant	280	473	97	87	151	1,088
Normal Butane	1,578	6,032	22,396	913	1,694	32,613
Refinery	168	1,379	2,747	146	879	5,319
Bulk Terminal	1,022	3,253	17,513	62	742	22,592
Pipeline	237	1,280	2,024	665	--	4,206
Natural Gas Processing Plant	151	120	112	40	73	496
Isobutane	207	2,173	7,850	413	388	11,031
Refinery	101	479	725	75	355	1,735
Bulk Terminal	--	714	5,776	--	4	6,494
Pipeline	50	804	1,270	323	--	2,447
Natural Gas Processing Plant	56	176	79	15	29	355
Natural Gasoline	691	11,247	15,836	686	40	28,500
Refinery	--	363	407	13	--	783
Bulk Terminal	192	2,201	11,600	7	2	14,002
Pipeline	47	8,440	3,136	621	--	12,244
Natural Gas Processing Plant	452	243	693	45	38	1,471
Refinery Olefins	231	276	1,134	108	14	1,763
Refinery	231	276	1,134	108	14	1,763
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Ethylene	--	--	0	--	--	0
Refinery	--	--	0	--	--	0
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Propylene	113	261	779	0	11	1,164
Refinery	113	261	779	0	11	1,164
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Normal Butylene	93	15	349	108	3	568
Refinery	93	15	349	108	3	568
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Isobutylene	25	0	6	0	0	31
Refinery	25	0	6	0	0	31
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Natural Gas Processing Plant	--	--	--	--	--	--
Other Hydrocarbons	--	19	--	--	--	19
Refinery	--	19	--	--	--	19
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	--
Refinery	--	--	--	--	--	--
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, January 2021
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
MTBE	--	--	--	--	--	--
Refinery	--	--	--	--	--	--
Bulk Terminal ³	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Other Oxygenates⁴	--	--	--	--	--	--
Refinery	--	--	--	--	--	--
Bulk Terminal	--	--	--	--	--	--
Pipeline	--	--	--	--	--	--
Renewable Fuels (including Fuel Ethanol)	9,483	11,700	6,144	436	4,737	32,500
Refinery	250	140	258	97	436	1,181
Bulk Terminal	9,233	11,560	5,886	334	4,301	31,314
Pipeline	--	--	--	5	--	5
Fuel Ethanol²	8,165	10,312	4,464	379	2,760	26,080
Refinery	244	100	163	92	142	741
Bulk Terminal	7,921	10,212	4,301	282	2,618	25,334
Pipeline	--	--	--	5	--	5
Renewable Diesel Fuel⁵	1,318	1,346	1,673	57	1,890	6,284
Refinery	6	40	95	5	294	440
Bulk Terminal	1,312	1,306	1,578	52	1,596	5,844
Pipeline	--	--	--	--	--	--
Other Renewable Fuels	--	42	7	--	87	136
Refinery	--	--	--	--	--	--
Bulk Terminal	--	42	7	--	87	136
Pipeline	--	--	--	--	--	--
Unfinished Oils	3,891	11,132	49,724	2,589	17,321	84,657
Naphthas and Lighter	831	3,144	10,827	585	3,179	18,566
Refinery	800	3,125	9,589	585	2,896	16,995
Bulk Terminal	31	19	1,238	--	283	1,571
Kerosene and Light Gas Oils	305	1,954	9,631	420	3,047	15,357
Refinery	296	1,954	6,740	420	2,911	12,321
Bulk Terminal	9	--	2,891	--	136	3,036
Heavy Gas Oils	2,014	4,336	22,088	1,206	9,001	38,645
Refinery	1,730	4,300	20,292	1,206	7,710	35,238
Bulk Terminal	284	36	1,796	--	1,291	3,407
Residuum	741	1,698	7,178	378	2,094	12,089
Refinery	741	1,698	6,735	378	2,094	11,646
Bulk Terminal	--	--	443	--	--	443
Motor Gasoline Blending Components²	62,950	49,400	82,427	7,117	30,306	232,200
Refinery	3,080	13,161	27,948	3,772	13,418	61,379
Bulk Terminal	49,438	28,164	37,134	2,396	14,813	131,945
Pipeline	10,432	8,075	17,345	949	2,075	38,876
Reformulated - RBOB	19,653	5,120	10,959	--	16,047	51,779
Refinery	1,311	1,042	1,807	--	4,977	9,137
Bulk Terminal	14,216	3,154	5,143	--	9,843	32,356
Pipeline	4,126	924	4,009	--	1,227	10,286
Conventional	43,297	44,280	71,468	7,117	14,259	180,421
Refinery	1,769	12,119	26,141	3,772	8,441	52,242
Bulk Terminal	35,222	25,010	31,991	2,396	4,970	99,589
Pipeline	6,306	7,151	13,336	949	848	28,590
CBOB	26,273	36,597	38,398	5,468	7,178	113,914
Refinery	166	6,440	10,955	2,126	2,187	21,874
Bulk Terminal	19,925	23,299	14,361	2,393	4,144	64,122
Pipeline	6,182	6,858	13,082	949	847	27,918
GTAB	1,558	--	--	--	--	1,558
Refinery	--	--	--	--	--	--
Bulk Terminal	1,558	--	--	--	--	1,558
Pipeline	--	--	--	--	--	--
Other	15,466	7,683	33,070	1,649	7,081	64,949
Refinery	1,603	5,679	15,186	1,646	6,254	30,368
Bulk Terminal	13,739	1,711	17,630	3	826	33,909
Pipeline	124	293	254	--	1	672
Aviation Gasoline Blending Components	--	--	36	--	--	36
Refinery	--	--	36	--	--	36
Bulk Terminal	--	--	--	--	--	--
Finished Motor Gasoline	4,129	5,652	8,560	1,751	2,847	22,939
Refinery	31	1,355	3,328	953	883	6,550
Bulk Terminal	1,606	1,905	3,835	647	1,858	9,851
Pipeline	2,492	2,392	1,397	151	106	6,538
Reformulated	23	--	--	--	15	38
Refinery	--	--	--	--	15	15
Bulk Terminal	23	--	--	--	--	23
Pipeline	--	--	--	--	--	--
Reformulated (Blended with Fuel Ethanol)	23	--	--	--	15	38
Refinery	--	--	--	--	15	15
Bulk Terminal	23	--	--	--	--	23
Pipeline	--	--	--	--	--	--

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, January 2021
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Reformulated (Other)	-	-	-	-	-	-
Refinery	-	-	-	-	-	-
Bulk Terminal	-	-	-	-	-	-
Pipeline	-	-	-	-	-	-
Conventional	4,106	5,652	8,560	1,751	2,832	22,901
Refinery	31	1,355	3,328	953	868	6,535
Bulk Terminal	1,583	1,905	3,835	647	1,858	9,828
Pipeline	2,492	2,392	1,397	151	106	6,538
Conventional (Blended with Fuel Ethanol)	-	131	-	69	13	213
Refinery	-	-	-	67	-	67
Bulk Terminal	-	131	-	2	13	146
Pipeline	-	-	-	-	-	-
Ed55 and Lower	-	131	-	69	-	200
Refinery	-	-	-	67	-	67
Bulk Terminal	-	131	-	2	-	133
Pipeline	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Refinery	-	-	-	-	-	-
Bulk Terminal	-	-	-	-	13	13
Pipeline	-	-	-	-	-	-
Conventional (Other)	4,106	5,521	8,560	1,682	2,819	22,688
Refinery	31	1,355	3,328	886	868	6,468
Bulk Terminal	1,583	1,774	3,835	645	1,845	9,682
Pipeline	2,492	2,392	1,397	151	106	6,538
Finished Aviation Gasoline	208	196	353	9	283	1,049
Refinery	-	112	263	9	187	571
Bulk Terminal	208	84	90	-	96	478
Pipeline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	10,838	6,825	13,810	720	10,365	42,558
Refinery	274	2,077	4,885	274	3,554	11,064
Bulk Terminal	7,054	3,238	5,100	371	6,055	21,818
Pipeline	3,510	1,510	3,825	75	756	9,676
Kerosene	1,838	173	439	1	24	2,475
Refinery	118	127	131	1	2	379
Bulk Terminal	1,637	46	233	-	22	1,938
Pipeline	83	-	75	-	-	158
Distillate Fuel Oil²	55,976	31,656	56,660	4,117	14,401	162,810
Refinery	1,849	5,934	14,914	1,684	5,548	29,929
Bulk Terminal	45,797	18,069	26,776	1,622	7,114	99,378
Pipeline	8,330	7,653	14,970	811	1,739	33,503
15 ppm sulfur and Under	51,860	31,254	49,711	3,936	13,412	150,173
Refinery	1,446	5,746	11,964	1,557	4,970	25,683
Bulk Terminal	42,468	17,998	23,415	1,568	6,813	92,262
Pipeline	7,946	7,510	14,332	811	1,629	32,228
Greater than 15 ppm to 500 ppm sulfur	1,055	217	2,079	139	273	3,763
Refinery	90	29	1,436	85	174	1,814
Bulk Terminal	965	58	571	54	14	1,662
Pipeline	-	130	72	-	85	287
Greater than 500 ppm sulfur	3,061	185	4,870	42	716	8,874
Refinery	313	159	1,514	42	404	2,432
Bulk Terminal	2,364	13	2,790	-	287	5,454
Pipeline	384	13	566	-	25	988
Residual Fuel Oil	7,747	1,014	17,982	164	5,126	32,033
Refinery	281	825	2,637	164	2,184	6,091
Bulk Terminal	7,466	189	15,345	-	2,942	25,942
Pipeline	-	-	-	-	-	-
Less than 0.31% Sulfur	994	49	2,193	21	1,026	4,283
Refinery	20	41	33	21	16	131
Bulk Terminal	974	8	2,160	-	1,010	4,152
0.31% to 1.00% Sulfur	2,794	244	4,368	4	579	7,989
Refinery	81	237	471	4	357	1,150
Bulk Terminal	2,713	7	3,897	-	222	6,839
Greater than 1.00% Percent Sulfur	3,959	721	11,421	139	3,521	19,761
Refinery	180	547	2,133	139	1,811	4,810
Bulk Terminal	3,779	174	9,288	-	1,710	14,951
Petrochemical Feedstocks	-	568	2,269	-	2	2,839
Refinery	-	568	2,269	-	2	2,839
Naphtha for Petrochemical Feedstock Use	-	481	1,634	-	2	2,117
Other Oils for Petrochemical Feedstock Use	-	87	635	-	-	722
Special Naphthas	44	175	825	-	31	1,075
Refinery	19	96	816	-	31	962
Bulk Terminal	25	79	9	-	-	113
Lubricants	1,198	726	7,505	-	669	10,098
Refinery	635	274	4,605	-	468	5,982
Bulk Terminal	563	452	2,900	-	201	4,116
Waxes	280	50	227	-	-	557
Refinery	280	50	227	-	-	557
Petroleum Coke	-	1,635	4,126	223	1,203	7,187
Refinery	-	1,635	4,126	223	1,203	7,187
Asphalt and Road Oil	6,233	11,135	4,982	1,788	2,349	26,487
Refinery	439	4,102	2,096	663	657	7,957
Bulk Terminal	5,794	7,033	2,886	1,125	1,692	18,530

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, January 2021
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Miscellaneous Products	47	121	363	15	83	629
Refinery	45	121	363	15	83	627
Bulk Terminal	2	—	—	—	—	2
Pipeline	—	—	—	—	—	—
Total Stocks, All Oils	185,598	309,411	1,282,708	49,351	141,080	1,968,148

— = Not Applicable.

— = No Data Reported.

Lease stocks were excluded from crude oil stocks beginning with data for July 2016 (see explanatory notes).

¹ Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

² Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

³ Includes stocks held by merchant producers.

⁴ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

⁵ Renewable diesel fuel includes biodiesel and other renewable diesel.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-22M "Monthly Biodiesel Production Survey", EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, January 2021
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components ¹			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	23	1,614	1,637	15,527	36,991	52,518	1,755
Connecticut	—	—	—	1,112	7	1,119	61
Delaware	—	—	—	1,088	449	1,537	53
District of Columbia	—	—	—	—	—	—	—
Florida	—	973	973	—	6,188	6,188	—
Georgia	—	235	235	—	2,943	2,943	—
Maine	—	—	—	370	287	657	152
Maryland	—	—	—	1,721	110	1,831	69
Massachusetts	5	—	5	1,615	—	1,615	48
New Hampshire	—	—	—	—	—	—	—
New Jersey	—	32	32	5,971	15,356	21,327	555
New York	18	14	32	617	2,216	2,833	498
North Carolina	—	162	162	—	3,037	3,037	127
Pennsylvania	—	6	6	557	3,072	3,629	150
Rhode Island	—	—	—	617	—	617	—
South Carolina	—	129	129	—	1,491	1,491	6
Vermont	—	—	—	—	66	66	5
Virginia	—	20	20	1,859	1,603	3,462	31
West Virginia	—	43	43	—	166	166	—
PAD District 2	—	3,260	3,260	4,196	37,129	41,325	173
Illinois	—	149	149	2,174	4,243	6,417	109
Indiana	—	225	225	832	5,285	6,117	7
Iowa	—	57	57	—	2,699	2,699	—
Kansas	—	259	259	—	4,321	4,321	11
Kentucky	—	185	185	401	1,213	1,614	—
Michigan	—	163	163	48	2,731	2,779	—
Minnesota	—	360	360	0	2,346	2,346	—
Missouri	—	228	228	206	765	971	—
Nebraska	—	37	37	—	816	816	—
North Dakota	—	120	120	—	867	867	—
Ohio	—	880	880	—	3,598	3,598	18
Oklahoma	—	368	368	—	3,810	3,810	—
South Dakota	—	12	12	—	513	513	—
Tennessee	—	128	128	—	2,091	2,091	—
Wisconsin	—	89	89	535	1,831	2,366	28
PAD District 3	—	7,163	7,163	6,950	58,132	65,082	364
Alabama	—	130	130	5	1,611	1,616	4
Arkansas	—	82	82	—	911	911	—
Louisiana	—	1,297	1,297	352	12,888	13,240	89
Mississippi	—	1,422	1,422	12	1,842	1,854	—
New Mexico	—	20	20	—	518	518	—
Texas	—	4,212	4,212	6,581	40,362	46,943	271
PAD District 4	—	1,600	1,600	—	6,168	6,168	1
Colorado	—	246	246	—	2,074	2,074	—
Idaho	—	271	271	—	179	179	—
Montana	—	443	443	—	1,402	1,402	—
Utah	—	140	140	—	1,338	1,338	1
Wyoming	—	500	500	—	1,175	1,175	—
PAD District 5	15	2,726	2,741	14,820	13,411	28,231	24
Alaska	—	853	853	—	—	—	22
Arizona	—	69	69	942	359	1,301	—
California	15	287	302	13,747	6,512	20,259	2
Hawaii	—	510	510	—	739	739	—
Nevada	—	129	129	5	395	400	—
Oregon	—	96	96	—	1,501	1,501	—
Washington	—	782	782	126	3,905	4,031	—
U.S. Total	38	16,363	16,401	41,493	151,831	193,324	2,317

See footnotes at end of table.

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, January 2021
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	43,914	1,055	2,677	47,646	7,747	5,512
Connecticut	4,595	—	—	4,595	17	—
Delaware	927	39	46	1,012	796	10
District of Columbia	—	—	—	—	—	—
Florida	2,563	191	—	2,754	1,488	198
Georgia	1,637	—	—	1,637	96	11
Maine	2,423	3	26	2,452	85	—
Maryland	4,035	—	—	4,035	385	2
Massachusetts	1,840	34	253	2,127	131	—
New Hampshire	655	—	—	655	31	307
New Jersey	10,886	431	1,497	12,814	3,245	44
New York	5,577	—	127	5,704	1,106	778
North Carolina	1,264	—	3	1,267	—	247
Pennsylvania	3,689	3	146	3,838	196	2,931
Rhode Island	817	—	—	817	—	—
South Carolina	965	—	—	965	73	448
Vermont	150	—	—	150	—	—
Virginia	1,768	306	579	2,653	98	2
West Virginia	123	48	—	171	—	240
PAD District 2	23,744	87	172	24,003	1,014	10,951
Illinois	3,653	—	2	3,655	438	879
Indiana	3,333	—	59	3,392	70	310
Iowa	1,968	1	—	1,969	1	487
Kansas	2,219	—	—	2,219	28	3,688
Kentucky	1,027	16	—	1,043	—	96
Michigan	1,533	—	—	1,533	80	4,263
Minnesota	1,843	—	21	1,864	149	276
Missouri	607	41	6	654	—	158
Nebraska	846	—	—	846	—	213
North Dakota	811	1	—	812	39	46
Ohio	1,990	—	42	2,032	73	384
Oklahoma	1,420	28	42	1,490	60	87
South Dakota	552	—	—	552	—	24
Tennessee	867	—	—	867	59	2
Wisconsin	1,075	—	—	1,075	17	38
PAD District 3	35,379	2,007	4,304	41,690	17,982	21,250
Alabama	1,537	7	30	1,574	420	12
Arkansas	836	—	—	836	—	36
Louisiana	4,986	1,244	1,107	7,337	9,330	975
Mississippi	1,258	270	125	1,653	51	810
New Mexico	325	—	—	325	48	3
Texas	26,437	486	3,042	29,965	8,133	19,414
PAD District 4	3,125	139	42	3,306	164	661
Colorado	613	—	—	613	3	24
Idaho	271	—	—	271	—	—
Montana	1,058	67	—	1,125	57	24
Utah	625	12	42	679	48	538
Wyoming	558	60	—	618	56	75
PAD District 5	11,783	188	691	12,662	5,126	1,939
Alaska	1,028	—	56	1,084	142	6
Arizona	642	—	—	642	—	1,179
California	6,060	174	341	6,575	3,674	274
Hawaii	357	1	290	648	529	50
Nevada	369	—	4	373	—	—
Oregon	957	—	—	957	21	—
Washington	2,370	13	—	2,383	760	430
U.S. Total	117,945	3,476	7,886	129,307	32,033	40,313

— = No Data Reported.

¹ Excludes stocks located in the "Northeast Heating Oil Reserve", "Northeast Regional Refined Petroleum Product Reserve", and "State of New York's Strategic Fuels Reserve Program". For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2021
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	385	41	0	2,159	54,847	6,811	3,963	1,253	7,517
Petroleum Products	15,689	70	0	21,597	41,971	11,122	5,504	91,740	13,274
Natural Gas Liquids	7,470	70	0	8,525	30,196	7,485	1,153	3,097	7,734
Ethane	5,017	0	—	0	12,717	1,158	—	0	854
Propane	1,267	0	0	5,809	11,416	3,339	272	3,035	1,220
Normal Butane	331	9	0	2,488	2,550	1,435	749	54	579
Isobutane	506	61	0	228	1,140	525	132	8	551
Natural Gasoline	349	0	—	0	2,373	1,028	—	0	4,530
Refinery Olefins	0	0	—	299	478	—	—	0	0
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	0	0	—	299	478	—	—	0	0
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	43	0	—	0	634	—	—	0	10
Motor Gasoline Blending Components	5,401	0	0	1,091	1,894	1,603	0	53,086	2,552
Reformulated - RBOB	0	0	0	0	294	—	0	7,674	908
Conventional	5,401	0	0	1,091	1,600	1,603	0	45,412	1,644
CBOB	5,401	0	0	1,091	1,288	1,603	0	45,048	1,538
GTAB	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	312	—	—	364	106
Renewable Fuels	0	0	0	8,601	6,185	491	3,998	105	0
Fuel Ethanol	0	0	0	8,193	5,753	470	3,514	105	0
Renewable Diesel Fuel ²	0	0	0	408	431	22	484	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	87	0	0	847	530	242	0	2,448	140
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	87	0	0	847	530	242	0	2,448	140
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	87	0	0	847	530	242	0	2,448	140
Finished Aviation Gasoline	—	0	—	0	0	—	—	46	—
Kerosene-Type Jet Fuel	194	0	0	151	24	609	0	9,418	721
Kerosene	—	0	—	0	0	—	—	288	—
Distillate Fuel Oil	2,494	0	0	1,031	860	692	0	22,313	1,741
15 ppm sulfur and under	2,494	0	0	1,031	860	692	0	21,791	1,718
Greater than 15 ppm to 500 ppm sulfur	0	0	—	—	0	—	—	—	23
Greater than 500 ppm sulfur	—	0	—	0	0	—	—	522	—
Residual Fuel Oil	0	0	—	—	502	—	—	—	0
Petrochemical Feedstocks	0	0	—	—	69	—	—	—	0
Naphtha for Petrochemical Feedstock Use	0	0	—	—	46	—	—	—	0
Other Oils for Petrochemical Feedstock Use	0	0	—	—	23	—	—	—	0
Special Naphthas	0	0	—	—	0	—	—	—	51
Lubricants	0	0	0	0	0	—	0	492	180
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	500	337	0	137	0	0
Asphalt and Road Oil	0	0	0	551	262	0	216	447	145
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	16,074	111	0	23,756	96,818	17,933	9,468	92,993	20,791

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge, and Rail ¹ Between PAD Districts, January 2021
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to				From 5 to		
	4	5	1	2	3	5	1	3	4
Crude Oil	0	65	0	22,749	253	0	0	0	0
Petroleum Products	0	5,552	0	15,363	2,602	2,570	0	96	0
Natural Gas Liquids	0	190	0	13,934	2,428	348	0	0	0
Ethane	0	—	0	3,853	807	—	0	0	0
Propane	0	0	0	5,223	700	142	0	0	0
Normal Butane	0	135	0	2,173	265	182	0	0	0
Isobutane	0	55	0	888	228	24	0	0	0
Natural Gasoline	0	—	0	1,797	428	—	0	0	0
Refinery Olefins	—	—	0	0	0	—	0	0	—
Ethylene	—	—	—	—	—	—	—	—	—
Propylene	—	—	0	0	0	—	0	0	—
Normal Butylene	—	—	—	—	—	—	—	—	—
Isobutylene	—	—	—	—	—	—	—	—	—
Unfinished Oils	—	—	0	0	0	—	0	0	—
Motor Gasoline Blending Components	0	3,587	0	125	0	1,178	0	0	0
Reformulated - RBOB	—	2,088	0	0	0	0	0	0	—
Conventional	0	1,499	0	125	0	1,178	0	0	0
CBOB	0	1,499	0	125	0	1,178	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	0	0	0	—	0	0	—
Renewable Fuels	0	435	0	0	0	28	0	0	0
Fuel Ethanol	0	222	0	0	0	28	0	0	0
Renewable Diesel Fuel ²	0	214	0	0	0	0	0	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	0	0	474	0	166	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	0	0	474	0	166	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	0	0	474	0	166	0	0	0
Finished Aviation Gasoline	—	—	0	—	0	—	0	0	—
Kerosene-Type Jet Fuel	0	255	0	24	0	23	0	0	0
Kerosene	—	—	0	—	0	—	0	0	—
Distillate Fuel Oil	0	967	0	448	0	517	0	0	0
15 ppm sulfur and under	0	967	0	448	0	517	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	0	0	—	—	0	—
Greater than 500 ppm sulfur	—	—	0	—	0	—	0	0	—
Residual Fuel Oil	—	—	—	0	0	—	—	0	—
Petrochemical Feedstocks	—	—	—	0	0	—	—	0	—
Naphtha for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Other Oils for Petrochemical Feedstock Use	—	—	—	0	0	—	—	0	—
Special Naphthas	—	—	—	0	0	—	—	0	—
Lubricants	—	0	0	0	0	0	0	96	—
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	0	0	0	164	76	117	0	0	0
Asphalt and Road Oil	0	118	0	194	98	193	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	0	5,617	0	38,112	2,855	2,570	0	96	0

— = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2021
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	154	41	222	53,367	6,811	127	7,517	0	-
Petroleum Products	15,332	0	8,712	31,839	10,631	68,965	12,162	0	4,809
Natural Gas Liquids	7,196	0	6,332	29,353	7,485	2,680	7,290	0	-
Ethane	5,017	0	0	12,717	1,158	0	854	0	-
Propane	1,266	0	4,332	10,711	3,339	2,680	1,011	0	-
Normal Butane	167	0	2,000	2,487	1,435	0	468	0	-
Isobutane	397	0	0	1,065	525	0	427	0	-
Natural Gasoline	349	0	0	2,373	1,028	0	4,530	0	-
Motor Gasoline Blending Components	5,401	0	680	1,520	1,603	38,768	2,446	0	3,587
Reformulated - RBOB	0	0	0	294	-	7,674	908	-	2,088
Conventional	5,401	0	680	1,226	1,603	31,094	1,538	0	1,499
CBOB	5,401	0	680	1,226	1,603	30,730	1,538	0	1,499
GTAB	-	-	-	-	-	-	-	-	-
Other	-	0	0	0	-	364	-	-	-
Renewable Fuels	-	-	-	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel ¹	-	-	-	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	87	0	819	130	242	1,313	140	0	0
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	87	0	819	130	242	1,313	140	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	87	0	819	130	242	1,313	140	0	0
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	194	0	128	0	609	6,913	696	0	255
Kerosene	-	0	0	0	-	288	-	-	-
Distillate Fuel Oil	2,454	0	753	836	692	19,003	1,590	0	967
15 ppm sulfur and under	2,454	0	753	836	692	18,481	1,567	0	967
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	-	-	23	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	522	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	15,486	41	8,934	85,206	17,442	69,092	19,679	0	4,809

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, January 2021
(Thousand Barrels) — Continued

Commodity	From 4 to				From 5 to	
	1	2	3	5	3	4
Crude Oil	0	22,749	253	-	0	0
Petroleum Products	0	15,005	2,428	1,884	0	0
Natural Gas Liquids	0	13,934	2,428	-	0	0
Ethane	0	3,853	807	-	0	0
Propane	0	5,223	700	-	0	0
Normal Butane	0	2,173	265	-	0	0
Isobutane	0	888	228	-	0	0
Natural Gasoline	0	1,797	428	-	0	0
Motor Gasoline Blending Components	0	125	0	1,178	0	0
Reformulated - RBOB	0	0	0	0	0	-
Conventional	0	125	0	1,178	0	0
CBOB	0	125	0	1,178	0	0
GTAB	-	-	-	-	-	-
Other	0	-	0	-	0	-
Renewable Fuels	-	-	-	-	-	-
Fuel Ethanol	-	-	-	-	-	-
Renewable Diesel Fuel ¹	-	-	-	-	-	-
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	0	474	0	166	0	0
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	474	0	166	0	0
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	474	0	166	0	0
Finished Aviation Gasoline	-	-	-	-	-	-
Kerosene-Type Jet Fuel	0	24	0	23	0	0
Kerosene	0	-	0	-	0	-
Distillate Fuel Oil	0	448	0	517	0	0
15 ppm sulfur and under	0	448	0	517	0	0
Greater than 15 ppm to 500 ppm sulfur	-	0	0	-	0	-
Greater than 500 ppm sulfur	0	-	0	-	0	-
Residual Fuel Oil	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-
Total	0	37,754	2,681	1,884	0	0

-- = Not Applicable.

- = No Data Reported.

¹ Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 2021
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	231	0	-	303	1,453	-
Petroleum Products	83	0	0	958	2,696	0
Natural Gas Liquids	-	0	-	0	0	-
Ethane	-	-	-	-	-	-
Propane	-	0	-	0	0	-
Normal Butane	-	-	-	-	-	-
Isobutane	-	-	-	-	-	-
Natural Gasoline	-	-	-	-	-	-
Unfinished Oils	43	0	-	0	634	-
Motor Gasoline Blending Components	0	0	-	411	374	-
Reformulated - RBOB	-	-	-	-	-	-
Conventional	0	0	-	411	374	-
CBOB	0	0	-	411	62	-
GTAB	-	-	-	-	-	-
Other	0	0	-	-	312	-
Renewable Fuels	0	0	0	167	651	0
Fuel Ethanol	0	0	-	167	567	-
Renewable Diesel Fuel ¹	0	0	0	-	84	0
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	0	0	-	28	400	-
Reformulated	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-
Conventional	0	0	-	28	400	-
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-
Conventional Other	0	0	-	28	400	-
Finished Aviation Gasoline	-	0	-	0	0	-
Kerosene-Type Jet Fuel	0	0	-	23	24	-
Kerosene	-	-	-	-	-	-
Distillate Fuel Oil	40	0	-	278	24	-
15 ppm sulfur and under	40	0	-	278	24	-
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-
Greater than 500 ppm sulfur	-	-	-	-	-	-
Residual Fuel Oil	0	0	-	-	502	-
Less than 0.31 percent sulfur	-	-	-	-	-	-
0.31 to 1.00 percent sulfur	0	0	-	-	285	-
Greater than 1.00 percent sulfur	0	0	-	-	217	-
Petrochemical Feedstocks	0	0	-	-	69	-
Naphtha for Petrochemical Feedstock Use	0	0	-	-	46	-
Other Oils for Petrochemical Feedstock Use	0	0	-	-	23	-
Special Naphthas	0	0	-	-	0	-
Lubricants	0	0	0	0	0	0
Waxes	-	-	-	-	-	-
Marketable Petroleum Coke	-	-	-	-	-	-
Asphalt and Road Oil	0	0	-	51	18	-
Miscellaneous Products	-	-	-	-	-	-
Total	314	0	0	1,261	4,149	0

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker and Barge Between PAD Districts, January 2021
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	1,126	—	1,126	—	0	—	0	0	0
Petroleum Products	22,304	—	341	21,963	573	150	0	0	96
Natural Gas Liquids	45	—	—	45	—	—	0	—	0
Ethane	—	—	—	—	—	—	—	—	—
Propane	45	—	—	45	—	—	0	—	0
Normal Butane	—	—	—	—	—	—	—	—	—
Isobutane	—	—	—	—	—	—	—	—	—
Natural Gasoline	—	—	—	—	—	—	—	—	—
Unfinished Oils	0	—	—	—	10	—	0	0	0
Motor Gasoline Blending Components	14,318	—	—	14,318	106	—	0	0	0
Reformulated - RBOB	—	—	—	—	—	—	—	—	—
Conventional	14,318	—	—	14,318	106	—	0	0	0
CBOB	14,318	—	—	14,318	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	106	—	—	0	0
Renewable Fuels	105	—	—	105	0	150	0	0	0
Fuel Ethanol	105	—	—	105	0	—	0	0	0
Renewable Diesel Fuel ¹	—	—	—	—	0	150	—	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	1,135	—	—	1,135	0	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	1,135	—	—	1,135	0	—	0	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	1,135	—	—	1,135	0	—	0	0	0
Finished Aviation Gasoline	46	—	—	46	—	—	0	—	0
Kerosene-Type Jet Fuel	2,505	—	—	2,505	25	—	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	3,310	—	—	3,310	151	—	0	0	0
15 ppm sulfur and under	3,310	—	—	3,310	151	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	—	—	—	—	0	—	—	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Greater than 1.00 percent sulfur	—	—	—	—	0	—	—	0	0
Petrochemical Feedstocks	—	—	—	—	0	—	—	0	0
Naphtha for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Other Oils for Petrochemical Feedstock Use	—	—	—	—	0	—	—	0	0
Special Naphthas	—	—	—	—	51	—	—	0	0
Lubricants	492	—	341	151	180	0	0	0	96
Waxes	—	—	—	—	—	—	—	—	—
Marketable Petroleum Coke	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	348	—	—	348	50	—	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	23,430	—	1,467	21,963	573	150	0	0	96

— = No Data Reported.

¹ Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 60. Movements of Crude Oil and Selected Products by Rail Between PAD Districts, January 2021
(Thousand Barrels)

Commodity	From 1 to				From 2 to			
	2	3	4	5	1	3	4	5
Crude Oil	0	0	-	0	1,634	27	-	3,963
Propane	1	0	0	0	1,477	705	0	272
Propylene	0	0	-	-	299	478	-	-
Normal Butane	164	9	0	0	488	63	0	749
Isobutane	109	61	0	0	228	75	0	132
Fuel Ethanol	0	0	0	0	8,026	5,186	470	3,514
Biodiesel	0	0	0	0	408	347	22	484
Marketable Petroleum Coke	0	0	0	0	500	337	0	137
Asphalt and Road Oil	0	0	0	0	500	244	0	216

Commodity	From 3 to				From 4 to			
	1	2	4	5	1	2	3	5
Crude Oil	0	0	-	65	0	0	0	0
Propane	310	209	0	0	0	0	0	142
Propylene	0	0	-	-	0	0	0	-
Normal Butane	54	111	0	135	0	0	0	182
Isobutane	8	124	0	55	0	0	0	24
Fuel Ethanol	0	0	0	222	0	0	0	28
Biodiesel	0	0	0	64	0	0	0	0
Marketable Petroleum Coke	0	0	0	0	0	164	76	117
Asphalt and Road Oil	99	95	0	118	0	194	98	193

Commodity	From 5 to			
	1	2	3	4
Crude Oil	0	0	0	-
Propane	0	0	0	0
Propylene	0	0	0	-
Normal Butane	0	0	0	0
Isobutane	0	0	0	0
Fuel Ethanol	0	0	0	0
Biodiesel	0	0	0	0
Marketable Petroleum Coke	0	0	0	0
Asphalt and Road Oil	0	0	0	0

- = No Data Reported.

Source: Rail Movements are estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 61. Movements of Crude Oil by Pipeline, Tanker, Barge and Rail between PAD Districts, January 2021
(Thousand Barrels)

PADD	Pipeline	Tanker and Barge	Rail	Total
From 1 to				
2	154	231	0	385
3	41	0	0	41
4	0	-	-	0
5	-	-	0	0
From 2 to				
1	222	303	1,634	2,159
3	53,367	1,453	27	54,847
4	6,811	-	-	6,811
5	-	-	3,963	3,963
From 3 to				
1	127	1,126	0	1,253
2	7,517	0	0	7,517
4	0	-	-	0
5	-	-	65	65
From 4 to				
1	0	0	0	0
2	22,749	0	0	22,749
3	253	0	0	253
5	-	-	0	0
From 5 to				
1	0	0	0	0
2	0	0	0	0
3	0	0	0	0
4	0	-	-	0

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail ¹ Between PAD Districts, January 2021
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	3,412	426	2,986	30,651	67,781	-37,130	55,141	8,835	46,305
Petroleum Products	113,337	15,759	97,578	44,326	80,195	-35,869	44,739	110,566	-65,827
Natural Gas Liquids	11,622	7,540	4,082	29,138	47,359	-18,221	32,694	11,021	21,673
Ethane	0	5,017	-5,017	9,724	13,875	-4,151	13,524	854	12,670
Propane	8,844	1,267	7,577	7,710	20,836	-13,126	12,116	4,255	7,861
Normal Butane	2,542	340	2,202	3,083	7,222	-4,139	2,824	768	2,056
Isobutane	236	567	-331	1,945	2,025	-80	1,429	614	815
Natural Gasoline	0	349	-349	6,676	3,401	3,275	2,801	4,530	-1,729
Refinery Olefins	299	0	299	0	777	-777	478	0	478
Ethylene	0	0	-	-	-	-	0	0	-
Propylene	299	0	299	0	777	-777	478	0	478
Normal Butylene	0	0	-	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-	0	0	-
Unfinished Oils	0	43	-43	53	634	-581	634	10	624
Motor Gasoline Blending Components	54,177	5,401	48,776	8,078	4,588	3,490	1,894	59,225	-57,331
Reformulated - RBOB	7,674	0	7,674	908	294	614	294	10,670	-10,376
Conventional	46,503	5,401	41,102	7,170	4,294	2,876	1,600	48,555	-46,955
CBOB	46,139	5,401	40,738	7,064	3,982	3,082	1,288	48,085	-46,797
GTAB	0	0	-	-	-	-	-	-	-
Other	364	0	364	106	312	-206	312	470	-158
Renewable Fuels	8,706	0	8,706	0	19,275	-19,275	6,185	540	5,644
Fuel Ethanol	8,298	0	8,298	0	17,930	-17,930	5,753	327	5,427
Renewable Diesel Fuel ²	408	0	408	0	1,345	-1,345	431	214	218
Other Renewable Fuels	-	-	-	0	0	-	0	0	-
Finished Motor Gasoline	3,295	87	3,208	701	1,619	-918	530	2,588	-2,058
Reformulated	0	0	-	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	3,295	87	3,208	701	1,619	-918	530	2,588	-2,058
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-	0	0	-
Conventional Other	3,295	87	3,208	701	1,619	-918	530	2,588	-2,058
Finished Aviation Gasoline	46	0	46	0	0	-	0	46	-46
Kerosene-Type Jet Fuel	9,569	194	9,375	939	784	155	24	10,394	-10,370
Kerosene	288	0	288	0	0	-	0	288	-288
Distillate Fuel Oil	23,344	2,494	20,850	4,683	2,583	2,100	860	25,021	-24,161
15 ppm sulfur and under	22,822	2,494	20,328	4,660	2,583	2,077	860	24,476	-23,616
Greater than 15 ppm to 500 ppm sulfur	0	0	-	23	0	23	0	23	-23
Greater than 500 ppm sulfur	522	0	522	0	0	-	0	522	-522
Residual Fuel Oil	0	0	-	0	502	-502	502	0	502
Petrochemical Feedstocks	0	0	-	0	69	-69	69	0	69
Naphtha for Petrochemical Feedstock Use	0	0	-	0	46	-46	46	0	46
Other Oils for Petrochemical Feedstock Use	0	0	-	0	23	-23	23	0	23
Special Naphthas	0	0	-	51	0	51	0	51	-51
Lubricants	492	0	492	180	0	180	96	672	-576
Waxes	0	0	-	0	0	-	0	0	-
Marketable Petroleum Coke	500	0	500	164	975	-811	413	0	413
Asphalt and Road Oil	999	0	999	339	1,030	-691	361	710	-349
Miscellaneous Products	0	0	-	0	0	-	0	0	-
Total	116,750	16,185	100,565	74,977	147,975	-72,998	99,880	119,402	-19,521

See footnotes at end of table.

Table 62. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, Barge and Rail ¹ Between PAD Districts, January 2021
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	6,811	23,002	-16,191	4,029	0	4,029
Petroleum Products	11,122	20,535	-9,413	13,626	96	13,530
Natural Gas Liquids	7,485	16,710	-9,225	1,691	0	1,691
Ethane	1,158	4,660	-3,502	0	0	-
Propane	3,339	6,065	-2,726	414	0	414
Normal Butane	1,435	2,620	-1,185	1,066	0	1,066
Isobutane	525	1,140	-615	211	0	211
Natural Gasoline	1,028	2,225	-1,197	0	0	-
Refinery Olefins	0	0	-	0	0	-
Ethylene	-	-	-	-	-	-
Propylene	0	0	-	0	0	-
Normal Butylene	0	0	-	0	0	-
Isobutylene	0	0	-	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	1,603	1,303	300	4,765	0	4,765
Reformulated - RBOB	-	-	-	2,088	0	2,088
Conventional	1,603	1,303	300	2,677	0	2,677
CBOB	1,603	1,303	300	2,677	0	2,677
GTAB	-	-	-	-	-	-
Other	0	0	-	0	0	-
Renewable Fuels	491	28	464	4,461	0	4,461
Fuel Ethanol	470	28	442	3,763	0	3,763
Renewable Diesel Fuel ²	22	0	22	697	0	697
Other Renewable Fuels	0	0	-	0	0	-
Finished Motor Gasoline	242	640	-398	166	0	166
Reformulated	-	-	-	0	0	-
Reformulated Blended with Fuel Ethanol	-	-	-	0	0	-
Reformulated Other	-	-	-	-	-	-
Conventional	242	640	-398	166	0	166
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	242	640	-398	166	0	166
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	609	47	562	278	0	278
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	692	965	-273	1,484	0	1,484
15 ppm sulfur and under	692	965	-273	1,484	0	1,484
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	96	-96
Waxes	0	0	-	0	0	-
Marketable Petroleum Coke	0	357	-357	255	0	255
Asphalt and Road Oil	0	485	-485	527	0	527
Miscellaneous Products	0	0	-	0	0	-
Total	17,933	43,537	-25,604	17,655	96	17,559

- = No Data Reported.

¹ Movements of crude oil, propane, normal butane, isobutane, propylene, ethanol, biodiesel, marketable petroleum coke, and asphalt and road oil include movements by rail. Movements of other products are by pipeline, tanker and barge only.

² Renewable diesel fuel includes biodiesel and other renewable diesel.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report." Rail net movements estimates based on EIA analysis of data from the Surface Transportation Board and other information.

Appendix A

District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

PAD District I

East Coast: The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian No. 1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

Sub-PAD District I

New England: The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic: The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic: The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

PAD District II

Indiana-Illinois-Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

Minnesota-Wisconsin-North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma-Kansas-Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana-Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

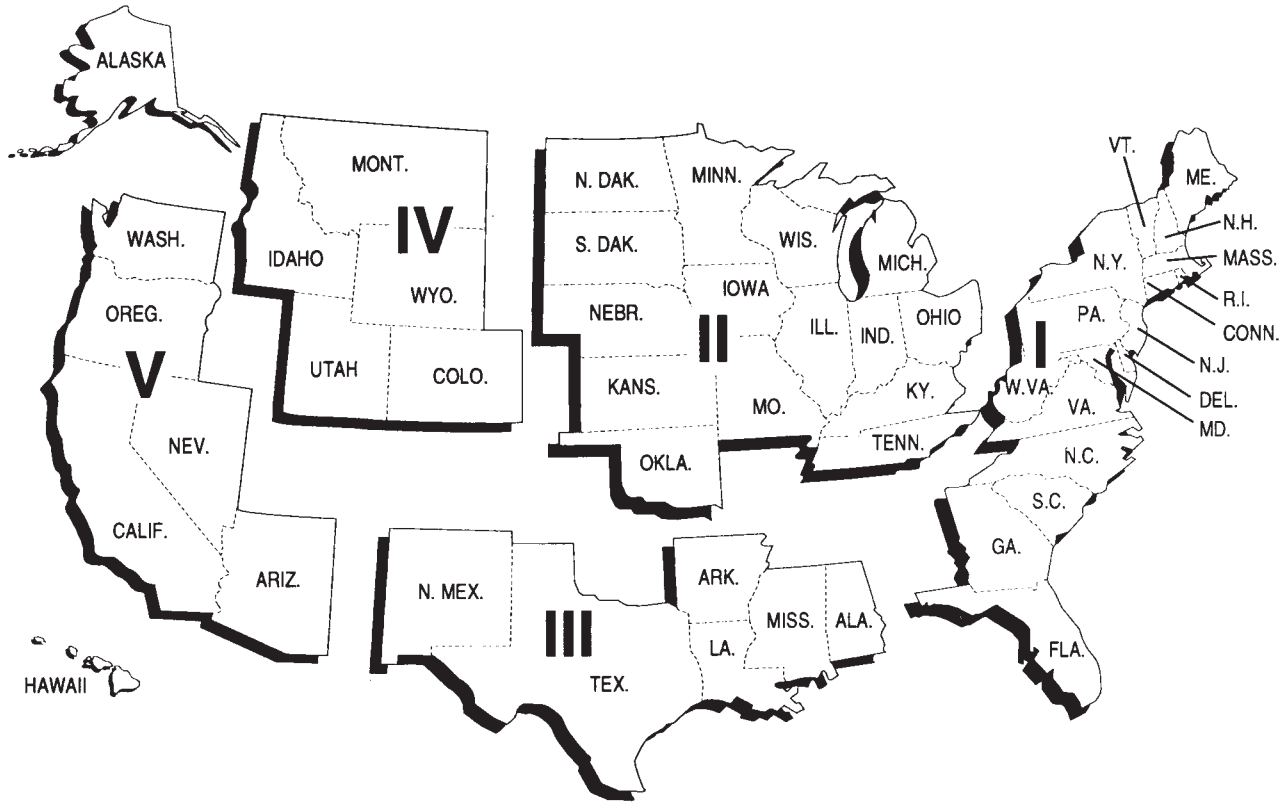
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

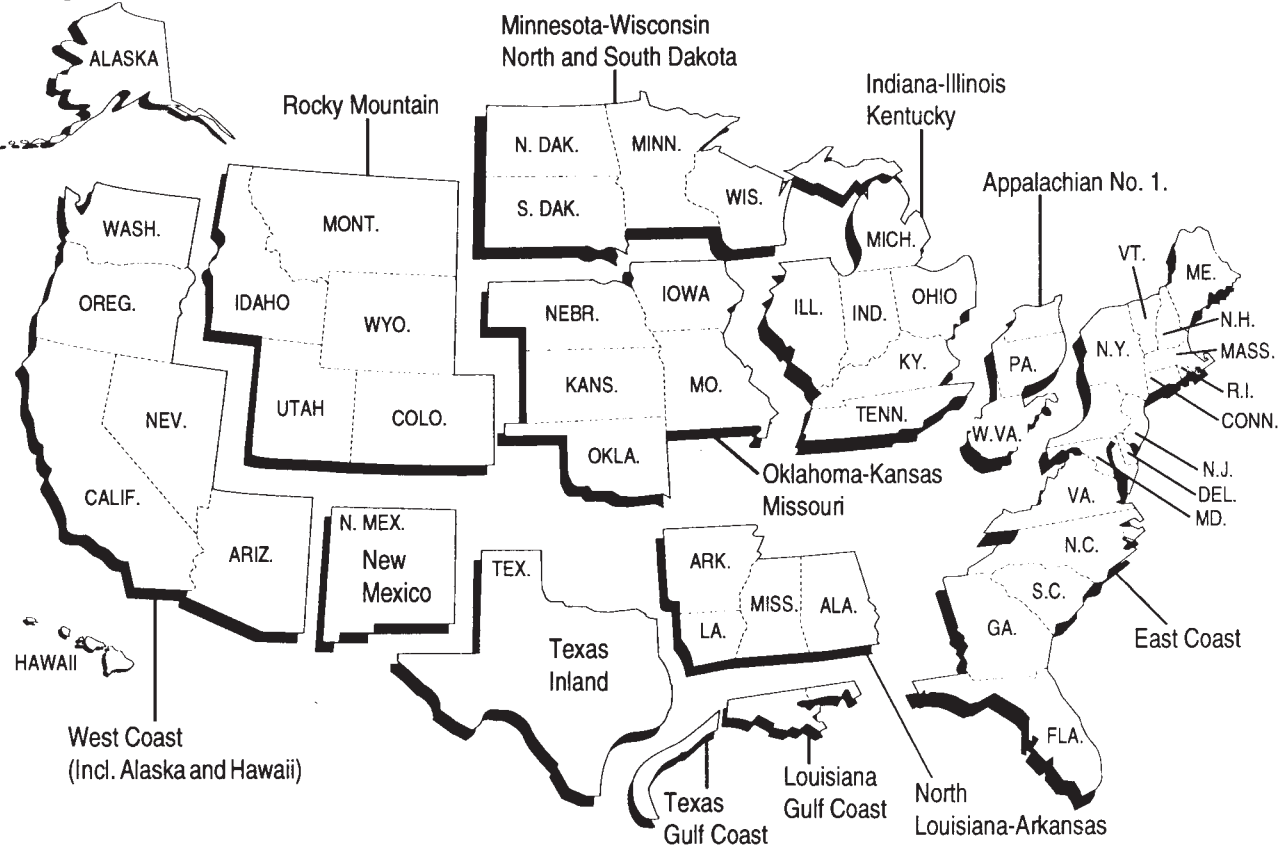
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Refining Districts



PSM Explanatory Notes

Preface

The *Petroleum Supply Monthly* (PSM) and *Petroleum Supply Annual* (PSA) are reports produced by the Monthly Petroleum Supply Reporting System (MPSRS) operated by the U.S. Energy Information Administration (EIA). The PSM and PSA track supply and disposition of crude oil, hydrocarbon gas liquids, petroleum products, and biofuels. The reports are produced by the Office of Petroleum and Biofuel Statistics of the U.S. Energy Information Administration (EIA).

Data presented in the PSM and PSA describe supply and disposition of crude oil, hydrocarbon gas liquids, petroleum products, and biofuels in the United States, and major U.S. geographic regions with selected data available at the state level. Data describe production, imports, exports, inter-Petroleum Administration for Defense District (PADD) movements, and inventories in the United States (50 States and the District of Columbia). The reporting universe includes operators engaged in primary supply activities including refining, motor gasoline blending, natural gas processing and fractionation, inter-PADD transportation, importers, and major inventory holders. When aggregated, data reported by operators in these sectors are used to derive consumption of petroleum products in the United States.

Monthly and year-to-date data are normally released in the PSM on the last business day of each month. Monthly data are available approximately 60 days after the end of each reference month. Revised monthly data and annual totals and averages are released in the PSA usually at the end of August each year.

Appendix B. Explanatory Notes

1. Overview

A. The Energy Information Administration's Quality Guidelines

Data contained in the *Petroleum Supply Monthly* (PSM) and *Petroleum Supply Annual* (PSA) are subject to information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information.

B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the PSM and PSA are used for calculation of petroleum demand measured as product supplied. Product supplied is often called “implied” demand because it is a measure of demand that is implied by disappearance of petroleum product barrels from facilities and activities in the “primary” supply chain. Facilities and activities in the primary supply chain include refineries, bulk storage and blending terminals, natural gas processing plants and fractionators, renewable fuels and oxygenate production plants, imports, exports, , and transportation by pipelines, tankers, barges, and railroads. Total product supplied at the U.S. level is equal to the sum of field production (including production of crude oil and natural gas liquids from natural gas processing plants), refinery and blender net production, renewable fuels and oxygenate plant net production, imports, and adjustments, minus the sum of stock change, refinery and blender net inputs, and exports. Net receipts are added to supply when product supplied is calculated for Petroleum Administration for Defense Districts (PADD). Crude oil product supplied is zero after September 1997 because crude oil is processed in refineries to produce fuels and other products rather than being used directly as fuel. Data include crude oil used directly as fuel between January 1981 and September 1997.

The secondary supply chain falls between primary supply and end-users. Product barrels typically flow in bulk quantities from primary supply into secondary supply before delivery to consumers. Fuels and other products held by consumers are considered to be in tertiary supply. Secondary supply facilities and activities include storage at bulk plants and retail outlets. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, as defined by EIA, receive product only by rail or truck, but not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, fuel and nonfuel products held by end users, and certain proprietary storage of raw materials such as propane held at chemical plants for use as ethylene feedstock.

There is a delay between the time when barrels are reported as demand measured as product supplied and when the same barrels are actually

consumed. The delay is due to the time required for barrels to move from primary supply through secondary and tertiary supply chains and ultimately to end users where the barrels are actually consumed as fuel, feedstock, or for other purposes. Users of demand measured as product supplied should expect product supplied to either anticipate or lag timing of actual petroleum consumption.

C. Components of Supply and Disposition

The detailed statistics tables in the PSM provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

(1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies, the Mineral Management Service of the U.S. Department of the Interior and Form EIA-914 “Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report. Refer to “Domestic Crude Oil Production” in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production - Renewable Fuels and Oxygenate Plant Net Production are reported on Forms EIA-819 and EIA-22M. Production includes fuel ethanol, Ethyl Tertiary Butyl Ether (ETBE), Methyl Tertiary Butyl Ether (MTBE), other fuel oxygenates, and biodiesel. This supply category also includes natural gasoline, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants and blended at fuel ethanol plants. Negative production indicates the amount of a product produced during the month was less than the amount of that same product reported as input during the same month. Beginning with PSA data for 2019, EIA excluded oxygenates supply and disposition from U.S. and regional balance tables.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Forms EIA-810 and EIA- 815. Refinery and Blender Net Production equals refinery

and blenders production minus refinery and blender inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge, and Rail between PAD Districts are shown in Table 62.

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, biodiesel (included in “Renewable Fuels Except Fuel Ethanol”) and distillate fuel oil. EIA calculated adjustment quantities to balance supply and disposition for selected products or to reclassify one product to another product. EIA calculates product supplied as the balancing item for most products and a measure of implied demand for petroleum products. EIA uses adjustments as balance items in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District.

(2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, hydrocarbon gas liquids, hydrogen, renewable fuels, and other hydrocarbons) processed at refineries or

blended at terminals to produce finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (e.g. vacuum distillation units).

Refinery and blender input of natural gas liquids equal gross input of natural gas liquids received from natural gas plants for blending and processing.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery and blender input minus refinery and blender production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

Product supplied values indicate quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, EIA assumed product supplied for crude oil equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

(3.) Ending Stocks

Ending stocks are primary stocks of crude oil and petroleum products held in storage as of midnight on the last day of each month. Primary stocks include crude oil, hydrocarbon gas liquids, biofuels, and petroleum products held in storage at

refineries, natural gas processing plants, pipelines, tank farms, biofuel production plants, and bulk terminals.

Crude oil that is in-transit by water from Alaska and crude oil stored in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Product stocks held as reserves by federal and state agencies are excluded from primary stock quantities reported by EIA, but quantities held in selected government reserves are provided in Appendix D.

Primary stocks of crude oil included barrels held on crude oil producing sites (lease stocks) until June 2016. Primary stocks of crude oil excluded lease stocks beginning with release of PSM data for July 2016 on September 30, 2016. Historical crude oil stocks in on eia.gov were revised beginning with data for January 2005 to exclude lease stocks. Data may be accessed from the following locations on the EIA web site.

http://www.eia.gov/dnav/pet/pet_sum_snd_d_nus_mdbl_m_cur.htm

http://www.eia.gov/dnav/pet/pet_sum_crdsnd_k_m.htm

http://www.eia.gov/dnav/pet/pet_stoc_typ_c_nus_EPC0_mdbl_m.htm

2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on nine monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data collected on Form EIA-914 as well as production data from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

A. Petroleum Supply Reporting System

The nine monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and hydrocarbon gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the six weekly surveys. The MPSRS includes nine monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, “Weekly Refinery and Fractionator Report,”
2. EIA-802, “Weekly Product Pipeline Report,”
3. EIA-803, “Weekly Crude Oil Stocks Report,”
4. EIA-804, “Weekly Imports Report,”
5. EIA-805, “Weekly Bulk Terminal Report,”
6. EIA-809, “Weekly Oxygenate Report,”
7. EIA-22M, “Monthly Biodiesel Production Survey,”
8. EIA-810, “Monthly Refinery Report,”
9. EIA-812, “Monthly Product Pipeline Report,”
10. EIA-813, “Monthly Crude Oil Report,”
11. EIA-814, “Monthly Imports Report,”
12. EIA-815, “Monthly Bulk Terminal Report.”

13. EIA-816, “Monthly Natural Gas Liquids Report”
14. EIA-817, “Monthly Tanker and Barge Movement Report”
15. EIA-819, “Monthly Oxygenate Report”
16. EIA-820, “Annual Refinery Report.”

Both weekly and monthly surveys are administered at six key points along the petroleum production and supply chain including refineries, fractionators, natural gas processing plants, bulk product storage and blending terminals, crude oil and product pipelines, crude oil stock holders, importers, and renewable fuel (biodiesel and fuel ethanol) and oxygenate producing plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements. Respondents reporting on weekly surveys are sampled from among the respondents reporting on monthly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA-820, “Annual Refinery Report.” The EIA-820 data are published in the annual “Refinery Capacity Report.”

B. Monthly Supply Survey Description and Methodology

(1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: <https://www.eia.gov/survey/>

The Form EIA-22M “Monthly Biodiesel Production Survey” collects data on biodiesel plant location, operating status, annual production capacity, monthly biodiesel and co-product production, stocks, input of feedstocks, alcohol, and catalysts, and biodiesel sales.

The Form EIA-810, “Monthly Refinery Report,” collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on an annual basis.

The Form EIA-812, “Monthly Product Pipeline Report,” collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included.

The Form EIA-813, “Monthly Crude Oil Report,” collects data on end-of-month stock levels of crude oil held in pipelines, and at tank farms operated by the reporting company, and Alaskan crude oil in transit by water. Data are reported by PADD including stocks held in the 50 states and the District of Columbia. In addition to stocks, EIA uses Form EIA-813 to collect inter-PADD movements of crude oil by pipeline. EIA collects movements for shipping and receiving PADDs with no intermediate PADD movements. EIA uses Form EIA-813 to collect annual storage capacity in data for the month of March.

The Form EIA-814, “Monthly Imports Report,” collects data on imports of crude oil and petroleum products (1) into the 50

States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia. The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil and unfinished oils only.

The Form EIA-815, "Monthly Bulk Terminal Report," collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on an annual basis.

The Form EIA-816, "Monthly Natural Gas Liquids Report," collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, "Monthly Tanker and Barge Movement Report," collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, "Monthly Oxygenate Report" collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership.

(2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of "Who Must Submit" participate in the survey.

The activities for frames maintenance are conducted on an

ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-22M "Monthly Biodiesel Production Survey" include operators of plants that produce biodiesel meeting ASTM D 6751-07B specifications and used for commercial purposes.

Respondents to Form EIA-810, "Monthly Refinery Report" include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, "Monthly Product Pipeline Report" include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, "Monthly Crude Oil Report" include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil tank farm operators, and companies transporting Alaskan crude oil by water (to U.S. ports) in the 50 States and the District of Columbia.

Respondents to Form EIA-814, "Monthly Imports Report" include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, "Monthly Bulk Terminal Report" include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, “Monthly Natural Gas Liquids Report” include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, “Monthly Tanker and Barge Movement Report” include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts are considered to have custody.

Respondents to Form EIA-819, “Monthly Oxygenate Report” include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

(3.) Collection

Survey data for the MPSRS are collected by Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

(4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years. Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

(5.) Estimation and Imputation

The nine monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported

data. Where possible, EIA uses imputed values to account for activity when a company fails to file. Depending on the survey, imputed values may be estimates based on weekly reports, estimates equal to prior-month reported quantities, or estimates based on non-survey data (e.g. imports quantities may be imputed using data provided to EIA by U.S. Customs and Border Protection). Imputation normally accounts for very small quantities in published totals because response rates to monthly surveys tend to be very high, typically exceeding 97 percent calculated as total reports received divided by total reports expected.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the *Petroleum Supply Annual (PSA)*.

(6.) Macro Editing

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, “Comparison of Independent Statistics on Petroleum Supply.” Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

(7.) Dissemination

The PSM data are normally released within 60 days of the close of the reference month. The PSM is available on the web at:

<http://www.eia.gov/petroleum/supply/monthly/>

Much of the PSM data are available in HTML format on eia.gov. Features include: downloadable spreadsheets containing complete data history, data tables which “pivot” to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum data can be accessed at:

<http://www.eia.gov/petroleum/data.cfm>

C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of

the statistics published in the PSM are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

(1.) Domestic Crude Oil Production

The interim estimate of U.S., PAD District, and state oil production for the current reference month, published in Tables 1 through 26 of the PSM, are based on:

(a.) crude oil production data from state government agencies and the Department of the Interior, Bureau of Safety and Environmental Enforcement;

(b.) crude oil production data reported on Form EIA-914, “Monthly Crude Oil, Lease Condensate, and Natural Gas Production Report.” For some states, EIA uses current reported data from the state (chiefly Alaska). For the states of Arkansas, California, Colorado, Kansas, Louisiana, Montana, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Texas, Utah, West Virginia, Wyoming, and the Federal Gulf of Mexico, EIA calculates an estimate by modeling the relationship between final state-level data from DrillingInfo, a third-party vendor of well-level data collected by state agencies, and data reported on the EIA-914 survey using weighted least squares (WLS) linear regression. Additional explanation of the WLS estimation methodology is available. Estimates have to be made for crude oil production because complete and correct data from states may take from several months to over two years.

(c.) first purchase data reported on Form EIA-182 “Domestic Crude Oil First Purchase Report.” For the remaining states and areas (Alabama, Arizona, Federal Pacific Offshore, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia) EIA calculates an estimate by using the average lagged ratio (ALR) of the state reported data to EIA-182 data, applied to the current EIA-182 data. Additional explanation of the ALR estimation methodology is available.

State-level production estimates are published in Table 26, “Production of Crude Oil by PAD District and State.” Table 26 contains estimates for crude oil production for state and federal offshore areas reported by state agencies and the Bureau of Safety and Environmental Enforcement or estimated by EIA using the ALR or WLS methods discussed above. Every month, the monthly crude oil production estimates are updated in Table 26 of the Petroleum Supply Monthly ([http:// www.eia.gov/petroleum/supply/monthly/](http://www.eia.gov/petroleum/supply/monthly/)) using reports from state agencies and the Bureau of Safety and Environmental Enforcement. The estimates are reported in the Petroleum Supply Monthly roughly 60 days after the production month.

(2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a “Shipper’s Export Declaration Document” with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the PSM reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether or not the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

(3.) Movements of crude oil and select products by railroad

The volume of crude oil, ethanol, biodiesel, propane, propylene, normal butane, isobutane, petroleum coke, and asphalt moving by railroad is calculated using several data sources including Carload Waybill Sample (CWS) data from the U.S. Surface Transportation Board (STB), data from the National Energy Board of Canada (NEB), data in EIA’s Oil and Gas Supply Module (OGSM) within the National Energy Modeling system (NEMS) for data prior to 2015, the EIA-914 survey starting in January 2015, and an estimation procedure developed by EIA for months in which data these data are not available.

Additional data from the NEB, OGSM, and the EIA-914 are used for estimating factors for converting carloads to barrels of crude oil. Carloads of ethanol, biodiesel, propane, propylene, normal butane, isobutane, petroleum coke, and asphalt are converted to barrels using data from the CWS.

The most current monthly STB waybill sample may not be received with sufficient lead time to be processed and included in the PSM publication. Further, STB aggregates and provides waybills based on the accounting period, while EIA is interested in the waybill date, which can differ by several months from the accounting period. In addition, waybills from non-Class I railroads might only be included in the sample for the last month of a calendar quarter. As a result, EIA may estimate anywhere from one to three months of rail movements, relying on historical averages or near-month model estimates for those months to be published in the PSM for which incomplete or no

STB data are available.

Estimates of rail movements are subject to revision on a monthly basis as new, more complete, and more accurate data become available. Monthly revisions will typically affect data available on the EIA web site for the current year and up to two prior years. To the extent that revisions are needed to data more than 2 years in the past, these revisions will be made once a year at the time when Petroleum data html tables are updated with final data for a year from the Petroleum Supply Annual. Petroleum Supply Monthly and Petroleum Supply Annual tables released as PDF files will not be revised.

(4.) Stocks of Crude Oil held on Producing Sites (Lease Stocks)

The adjustment for lease stocks was discontinued beginning with PSM data for July 2016 released on September 30, 2016 because EIA discontinued reporting crude oil stocks held on producing sites (lease stocks). The lease stock adjustment remains in all historical EIA lease stocks data.

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the “lease adjustment,” a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the “lease adjustment” could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

(5.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL) Adjustment

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS-NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane

and natural gasoline also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to revised data reported in the Petroleum Supply Annual (PSA) for 1988.

(6.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

Note on MTBE Adjustment: The MTBE portion of the gasoline adjustment described in this section was only applied to Petroleum Supply Monthly (PSM) data for 2009. The MTBE portion of the gasoline adjustment was discontinued after further examination of the issue made clear the MTBE adjustment was not helpful in forming an accurate statistical representation of U.S. and regional gasoline supplies. The MTBE adjustment was not applied to gasoline supply and disposition data in years prior to 2009, nor was it applied to revised data for 2009 published in the Petroleum Supply Annual or in years after 2009. This note only applies to MTBE adjustments. MTBE blending that was reported on EIA surveys is reflected in U.S. and regional gasoline supply and disposition data. Other adjustments to gasoline supply and disposition data to account for motor gasoline blending components and fuel ethanol remain as described in this section.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), “other” motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and “other” motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and “other”. During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference

to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and “other” motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- ◦ Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional

motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

(7.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

(8.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- ◦ Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of

renewable fuels and oxygenate plant net production and imports. Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.

- The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). For PSM data prior to January 2012, renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels were calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol was unavailable and was excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol caused production to be included in the adjustment. Similarly, the calculation caused net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

- Beginning with PSM data for January 2012, production of biodiesel reported on Form EIA-22M was included under the heading of “renewable fuels and oxygenate plant net production” in petroleum supply and disposition balances for “renewable fuels except fuel ethanol”. As a result, the adjustment for “renewable fuels except fuel ethanol” no longer includes production of biodiesel. This change will also be made to revised monthly data for January-December 2011 when the 2011 Petroleum Supply Annual is released.

- Biodiesel adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Biodiesel adjustment quantities are assumed to reflect blending of biodiesel into distillate fuel oil that is implied by the available supply of biodiesel but not reported as input on surveys. Biodiesel adjustment volumes are reclassified to distillate fuel oil (15

ppm sulfur and under) through distillate fuel oil adjustments.

(9.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.” This adjustment was discontinued after publication of data for December 2010.

Beginning with PSM data for January 2012, distillate fuel oil adjustments equal the opposite of biodiesel adjustments described above in section 7. Biodiesel adjustments are added to distillate fuel oil (15 ppm sulfur and under) and total distillate fuel oil. Distillate fuel oil adjustment quantities are assumed to reflect biodiesel blending activity implied by biodiesel supply and disposition but not reported on surveys. Distillate fuel oil adjustments for biodiesel will also be added to revised data for January-December 2011 when the 2011 Petroleum Supply Annual is released

(10.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report” in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005

(11.) Other Hydrocarbon Adjustment

Adjustment quantities for “other” hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. “Other” hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for “other” hydrocarbons produced outside of refineries. There are no movements data collected on surveys for “other” hydrocarbons. Therefore, adjustment quantities include any net receipts of “other” hydrocarbons resulting from inter-PAD

District movements.

(12.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

(13.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Beginning with PSA data for 2019, EIA excluded oxygenates supply and disposition from U.S. and regional balance tables.

3. Quality

A. General Discussion

(1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article “Accuracy of Petroleum Supply Data.” Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

(2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

(3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the *PSM* has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the *PSA*. These values reflect all *PSM* resubmissions and other data corrections. The values contained in the *PSA* are EIA’s most accurate measure of petroleum supply activity.

(4.) Revision Policy

EIA will publish revised monthly crude oil production estimates going back to the previously published Petroleum Supply Annual every month in petroleum data tables (<http://www.eia.gov/petroleum/supply/monthly/>). Once a year with the release of the Petroleum Supply Annual, EIA will revise up to 10 years of historical production estimates in petroleum data tables.

B. Data Assessment

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The PSM preliminary monthly data serve as leading indicators of the final monthly data published in the PSA. The PSM monthly data are not expected to have the same level of accuracy as the final monthly data published in the PSA. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the PSM are compared with the final monthly aggregates published in the PSA. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, “Monthly Imports Report,” have the same general disclosure information statement. The information reported on Form EIA-814 will be considered “public information” and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form. In addition, biofuel production capacity data reported on Form EIA-819 and Form EIA-22M will be released in company identifiable form. Refinery distillation capacity collected on Form EIA-810 also may be released in company identifiable form. EIA releases annual refinery input and production capacities in company identifiable form each year in the Annual Refinery Capacity Report.

Except as described above, information reported on Forms EIA-810

through 813, 815 through 817, 819, 820, and 22M will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905. The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data

aggregated and published from these survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Appendix D

Northeast Reserves

Reserves inventories are not considered to be in the commercial sector and are excluded from EIA's commercial motor gasoline and distillate fuel oil supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Northeast Home Heating Oil Reserve classified as ultra-low sulfur distillate (15 parts per million)

Terminal Operator	Location	Thousand Barrels
Buckeye Partners LP	Port Reading, NJ	300
Buckeye Partners LP	Groton, CT	300
Global Companies LLC	Revere, MA	400

Source: U. S. Energy Information Administration

Northeast Regional Refined Petroleum Product Reserve motor gasoline products

Terminal Operator	Location	Thousand Barrels
Kinder Morgan Liq Terminals LLC	Carteret, NJ	200
Buckeye Terminals LLC	Port Reading, NJ	0
Buckeye Terminals LLC	Raritan Bay, NJ	500
Global Companies LLC	Revere, MA	200
South Portland Terminal LLC	South Portland, ME	99

Source: U. S. Energy Information Administration

Other reserves information from the U.S. Department of Energy, Office of Petroleum Reserves can be found at <http://energy.gov/fe/services/petroleum-reserves/>

State of New York's Strategic Fuels Reserve Program

State reserve inventories are also not considered to be in the commercial sector and are excluded from EIA's commercial inventories and are excluded from supply and disposition statistics, such as those reported in the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Product	Location	Thousand Barrels
Motor Gasoline Blending Components	NY	86
Fuel Ethanol	NY	10
Distillate Fuel Oil, 15 ppm Sulfur and Under	NY	34

Source: New York State Energy Research & Development Authority

Definitions of Petroleum Products and Other Terms

(Revised August 2020)

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

Alkylate. The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

Alkylation. A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

Asphalt. A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Atmospheric Crude Oil Distillation. The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

Aviation Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in aviation reciprocating

engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

Aviation Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformat, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

Barrel. A unit of volume equal to 42 U.S. gallons.

Barrels Per Calendar Day. The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

Barrels Per Stream Day. The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

Benzene (C_6H_6). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

Biomass-Based Diesel Fuel. Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass, but excluding renewable diesel fuel coprocessed with petroleum

feedstocks.

Blending Components. See *Motor or Aviation Gasoline Blending Components*.

Blending Plant. A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

Bonded Petroleum Imports. Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

BTX. The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

Butane (C₄H₁₀). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C₄H₁₀). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C₄H₁₀). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C₄H₈). An olefinic hydrocarbon recovered from refinery processes.

Captive Refinery Oxygenate Plants. Oxygenate production facilities located within or adjacent to a refinery complex.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

Fresh Feeds. Crude oil or petroleum distillates which are being fed to processing units for the first time.

Recycled Feeds. Feeds that are continuously fed back for additional processing.

Catalytic Hydrocracking. A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

Catalytic Hydrotreating. A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

Catalytic Reforming. A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

Low Pressure. A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

High Pressure. A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

Charge Capacity. The input (feed) capacity of the refinery processing facilities.

Coal. A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Commercial Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Conventional Blendstock for Oxygenate Blending (CBOB). See *Motor Gasoline Blending Components*.

Conventional Gasoline. See *Motor Gasoline (Finished)*.

Crude Oil. A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead) gas in lease separators and are subsequently commingled

with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

Domestic. Crude oil produced in the United States or from its Outer continental shelf' as defined in 43 USC 1331.

Foreign. Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

Crude Oil, Refinery Receipts. Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

Crude Oil Losses. Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

Crude Oil Production. The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

Crude Oil Qualities. Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

Delayed Coking. A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

Desulfurization. The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include catalytic hydrotreating and other chemical/physical processes such

as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See **Catalytic Hydrotreating.**

Disposition. The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

No. 1 Distillate. A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 1 Diesel Fuel. A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See **No. 1 Distillate.**

No. 1 Fuel Oil. A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See **No. 1 Distillate.**

No. 2 Distillate. A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 2 Diesel Fuel. A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See **No. 2 Distillate.**

Low Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

High Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used in

atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See *No. 2 Distillate*.

No. 4 Fuel. A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

No. 4 Diesel Fuel. See *No. 4 Fuel*.

No. 4 Fuel Oil. See *No. 4 Fuel*.

Electricity (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ending Stocks. Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

ETBE (Ethyl tertiary butyl ether) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

Ether. A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Ethylene (C₂H₄). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

Exports. Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

Flexicoking. A thermal cracking process which converts heavy

hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

Fluid Coking. A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

Fresh Feed Input. Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

Fuel Ethanol (C₂H₅OH). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

Fuels Solvent Deasphalting. A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See *Oxygenates*.

Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

Gasoline Treated as Blendstock (GTAB). See *Motor Gasoline Blending Components*.

Gross Input to Atmospheric Crude Oil Distillation Units. Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Heavy Gas Oil. Petroleum distillates with an approximate boiling

range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

High-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 500 ppm.

Hydrogen. The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Idle Capacity. The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

Imported Crude Oil Burned As Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Imports. Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Isobutane (C₄H₁₀). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C₄H₈). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C₆H₁₄). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C₄), an alkylation process feedstock, and normal pentane and hexane into isopentane (C₅) and isohexane (C₆), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane.*

Kerosene. A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel.*

Kerosene-Type Jet Fuel. A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and turboprop aircraft engines.

Commercial. Kerosene-type jet fuel intended for use in commercial aircraft.

Military. Kerosene-type jet fuel intended for use in military aircraft.

Lease Condensate. A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids.*

Light Gas Oils. Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Low-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

Lubricants. Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

Merchant Oxygenate Plants. Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

Methanol (CH₃OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

Middle Distillates. A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

Military Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel.*

Miscellaneous Products. Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket fuels, synthetic natural gas feedstocks, and specialty oils). Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

Conventional Gasoline. Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

Ed 55 and Lower. Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

Greater than Ed55. Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

Oxygenated Gasoline (Including Gasohol). Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

Reformulated Gasoline. Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of federal-program reformulated gasoline even though the gasoline

may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

Reformulated (Blended with Alcohol). Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

Reformulated (Blended with Ether). Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

Reformulated (Non-Oxygenated). Reformulated gasoline without added ether or alcohol components.

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Conventional Blendstock for Oxygenate Blending (CBOB). Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

Gasoline Treated as Blendstock (GTAB). Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional

motor gasoline blending components when reported as a subset of motor gasoline blending components.

Reformulated Blendstock for Oxygenate Blending (RBOB).

Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

RBOB for Blending with Alcohol. Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

RBOB for Blending with Ether. Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

All Other Motor Gasoline Blending Components.

Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g. fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

MTBE (Methyl tertiary butyl ether) (CH₃)₃COCH₃. An ether intended for gasoline blending as described in Oxygenate definition.

Naphtha. A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

Naphtha Less Than 401° F. See *Petrochemical Feedstocks*.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note: Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

Natural Gas. A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

Natural Gas Liquids. Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

Natural Gas Plant Liquids. Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Natural Gas Processing Plant. Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon, (C₅H₁₂), obtained by fractionation of natural gasoline or isomerization of normal pentane.

Net Receipts. The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

Normal Butane. See *Butane*.

OPEC. An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current and former members (with years of membership) include Algeria (1969-present), Angola (2007-present), Congo (Brazzaville) (June 2018-present), Ecuador (1973-1992 and 2007-2019), Equatorial Guinea (2017-present), Gabon (1975-1994 and July, 2016-present), Indonesia (1962-2008 and January, 2016-November, 2016), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-2018), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and

Venezuela (1960-present).

Operable Capacity. The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

Operable Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

Operating Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

Other Hydrocarbons. Materials received by a refinery and consumed as raw materials. Includes coal tar derivatives and gilsonite. Included hydrogen in data prior to January 2009 and excluded hydrogen thereafter. Excludes natural gas used for fuel or hydrogen feedstock.

Other Oils Equal To or Greater Than 401° F. See **Petrochemical Feedstocks**.

Other Oxygenates. Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Oxygenated Gasoline. See **Motor Gasoline (Finished)**.

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

Fuel Ethanol. Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

Methanol. Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

MTBE (Methyl tertiary butyl ether). Blends up to 15.0

percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

Pentanes Plus. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Persian Gulf. The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

Petrochemical Feedstocks. Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

Naphtha Less Than 401° F. A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401° F. Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

Petroleum Administration for Defense (PAD) Districts. Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

Petroleum Coke. A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Catalyst Coke. In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including

interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

Plant Condensate. One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Processing Loss. The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

Product Supplied, Crude Oil. Crude oil burned on leases and by pipelines as fuel.

Production Capacity. The maximum amount of product that can be produced from processing facilities.

Products Supplied. Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

Propane (C₃H₈). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene (C₃H₆). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C₃H₆) (nonfuel use). Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Refinery-Grade Butane. See *Butane*.

Refinery Input, Crude Oil. Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

Refinery Input, Total. The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

Refinery Production. Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

Refinery Yield. Represents the percent of finished product produced from input of crude oil, hydrogen, and other hydrocarbons, and net input of unfinished oils. Except for finished motor gasoline, finished aviation gasoline, and distillate fuel oil, EIA calculates refinery yield equal to net production of a finished petroleum product divided by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of finished motor gasoline, subtract input of natural gas liquids, fuel ethanol, oxygenates, and net input of motor gasoline blending components from net production of finished motor gasoline and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of finished aviation gasoline, subtract net input of aviation gasoline blending components from net production of finished aviation gasoline and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. In the case of distillate fuel oil, subtract input of renewable fuels except fuel ethanol (including input of biodiesel, renewable diesel fuel, and other renewable fuels) from distillate fuel oil net production and then divide by the sum of input of crude oil, hydrogen, other hydrocarbons, and net input of unfinished oils. Prior to data for January 2009, EIA calculated refinery yields (except for finished motor gasoline) equal to finished product net production divided by the sum of input of crude oil and net input of unfinished oils. EIA calculated refinery yield of finished motor gasoline equal to net production of finished motor gasoline minus the sum of input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components divided by the sum of input of crude oil and net input of unfinished oils.

Reformulated Blendstock for Oxygenate Blending (RBOB). See *Motor Gasoline Blending Components*.

Reformulated Gasoline. See *Motor Gasoline (Finished)*.

Renewable Fuels (Other). Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

Residual Fuel Oil. A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations.

It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Residuum. Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways. It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

Stock Change. The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations

greater than 1 percent.

Supply. The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

TAME (Tertiary amyl methyl ether) $(CH_3)_2(C_2H_5)COCH_3$. An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

Tank Farm. An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

Tanker and Barge. Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts; from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

TBA (Tertiary butyl alcohol) $(CH_3)_3COH$. An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

Toluene $(C_6H_5CH_3)$. Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

Ultra-Low Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

Unaccounted for Crude Oil. Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Unfinished Oils. All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

United States. The United States is defined as the 50 States and the

District of Columbia.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

Wax. A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes

all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump suction is ineffective (bottoms).

Xylene ($C_6H_4(CH_3)_2$). Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.